

CONSCRICUTE TO STRY FEBRUARY 1952



THE BETTER TO SERVE ...

N. H. MASS.

CONN.

in experience, repeatedly
modernized and expanded our
plant—the better to serve the
increasing needs of New England
industry in progress.

Scrap iron, steel, metals

H. KASDEN & SONS

Incorporated

2-44 LLOYD STREET . NEW HAVEN, CONNECTICUT

Connecticul

MANUFACTURERS' ASSOCIATION OF CONNECTICUT, INC. **VOL. 30** NO. 2 FEBRUARY 1952

L. M. BINGHAM, Editor

IN THIS ISSUE

Pe	age		Page
Editorial	5	Industrial Development	33
The H. B. Ives Company	6	Industrial Relations—Law	36
"Cutaway" Opens Modern Grey Iron Foundry	21	Accounting Hints	39
	8	Business Pattern	40
Technicians for Connecticut Industry	10	Business Tips	43
New Haven Holds Second Round of		Connecticut Advertising Services	45
Plant-School Tours	13	It's Made In Connecticut	46
We Are Fighting the Wrong War	14	Service Section	56
News Forum	15	Advertising Index	56

OFFICERS

A. V. DODINE	T LESIME ME
E. B. SHAWVice	President
ALBERT S. REDWAY Vice	President
N. W. FORD Executive Vice	President
JOHN COOLIDGE	Treasurer
L. M. BINGHAM	Secretary
ROBERT L. NOBLE	Winsted
ROBERT I STARR Fast	

MORGAN PARKER Danbury R. LELAND KEENEY Somersville WALTER E. TURNER Norwick George H. REAMA Willimantic A. F. MURRAY Old Greenwich

ADMINISTRATIVE STAFF

N. W. FORD Executive Vice President
L. M. BINGHAM Sec. and Dir. of Development
FREDRICK H. WATERHOUSE Counsel
CHARLES H. SCHREYER
N. MAARSCHALK Traffic and Export Manager
ARTHUR L. WOODS Executive Assistant

DIRECTORS

ZEIN
1gs
050
070
ille
tos
an

DEPARTMEN'	TAL STAFF
RUTH C. JOHNSON	MILDRED H. FORSELS
KATHERINE M. EDGERTON	BERTHA R. HUMI
IRENE C. SCHILLINGER	MARILYN NEWHALJ
MARGARET M. MOORE	JANE M. WILEY
FLORENCE E. KRUK	VINCENT D. CASTAGNO

Si	XTEN	Wo	LLMAN					0 0		 	. H	artford
C	HARLE	s A.	WILL	IA	MS				*	 	New	Haven
F	REDERI	CK I	.ux .				 				Wa	terbury
S.	M. 0	OOP	ER				 		0	 A	lew	Britain
												rington
N	. M.	MAR	SILIUS				 			 	Bri	dgeport
H	ARRISO	ON F	ULLER		0 0					 P	Vest	Haven

Published monthly by the Manufacturers' Association of Connecticut, Inc., with executive offices at 436 Capitol Avenue, Hartford, Connecticut. Entered as second-class matter January 29, 1929, at the post office at Hartford, Connecticut, under the Act of March 3, 1879. As the official magazine of the Manufacturers' Association of Connecticut, Inc., it carries authoritative articles and notices concerning the Association activities. In all other respects the Association is not responsible for the contents and for the opinion of its writers. Subscription rates: one year \$2.50; 25¢ a copy. Subscribers should notify publisher promptly of changes in address. Advertising rates on application.

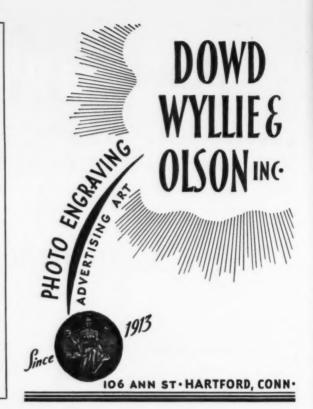
Electrical Supplies Inc.

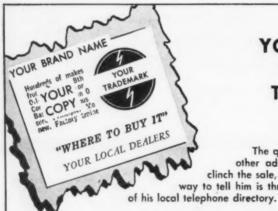
Our Two Warehouse Stocks and

Our Organizations

Are Keyed to Take Care of the Electrical Requirements of the Industrial Plant, both for Maintenance and Product Use.







YOUR TRADEMARK IN THE YELLOW PAGES TELLS YOUR CUSTOMERS "WHERE TO BUY IT"

The quality of your merchandise, your firm's reputation, your other advertising sells your customer on your product. But to clinch the sale, he has to know where to buy it. And the best possible way to tell him is through your TRADEMARK listing in the YELLOW PAGES telephone directory.

9 OUT OF 10 PEOPLE USE



For full information about TRADEMARK representation in any telephone directory in any area of the state or nation — wherever you dealers are located — just ask your local telephone business office to have a TRADEMARK reresentative get in touch with you.

THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY



from UARCO

ENGLAND'S FOREMOST PRODUCER OF BUSINESS FORMS





Multi-Links Continuous Unit Sets





Multi-Fold Forms



Control Punched Forms



E-Z-Out Unit Sets

... tabulating forms backed by specialized service



You as a user, know the value of specialized service!

Take a tab form you might be working up right now. You understand the requirements . . . but you may want help with the layout and specifications. You may wonder, too, about the printing. And . . . the cost.

Put another way, Uarco offers you help and advice in the planning, in the execution, in the delivery of a tab form. If you want it, you get it! And not for just this job, but for any other.

Besides qualified assistance, Uarco can give you good service. Our big, modern plant is close by in Deep River, Connecticut-for all kinds and types of custom forms, imprinted forms . . . stock forms. Our facilities are complete!

All this is backed by over half a century of experience.

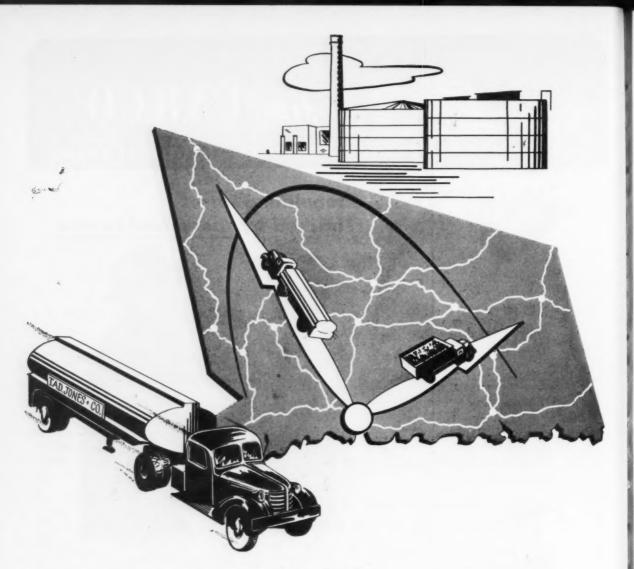
And all you have to do, is call a Uarco Representative, or the plant, direct!



ARCO UARCO INCORPORATED, DEEP RIVER, CONNECTICUT

Factories also located in Cleveland, Ohio; Chicago, Illinois; Watseka, Illinois; Oakland, California.

UARCO makes a business form for every business purpose



Around the clock - across the state...

Fuel for the hungry fires of industry — serving Connecticut and western Massachusetts from one of the largest bulk storage plants in New England.

24 hours a day, T. A. D. Jones and Company delivers
— by truck, rail and barge — Bunker 'C' fuel oil,
bituminous and anthracite coal.

A constant supply of quality fuel, as handy as your telephone.

Serving Connecticut and Western Massachusetts since 1925



T. A. D. Jones & Company, Inc.

NEW HAVEN Tel. 8-6103 BRIDGEPORT Tel. 3-3123

PRIZES OR Booby Traps

By HARRISON FULLER,* President, Fuller Merriam Company, West Haven, Connecticut

A recent luncheon meeting of manufacturers those present undertook to compare notes about their respective situations. They included representatives of establishments employing from 30 to 7,500.

Said the first man-guiding light of a centenarian small enterprise for more than a third of its life:

"Our wage scale may be a little below the area level, but consider our 'fringe issues'! When the boys want beer they go out for it. When they want to rest, they rest. When they need help at home, they know where to come for it. When they are really sick, pay is likely to go on as long as necessary. They have freedom impossible in larger plants. We know them, like them, and understand them. We feel pretty certain they like us and understand us. Wage stabilization regulations specifically provide that established wage and related practices may be continued without violation of the rules. Our established practice is to do as we damn please. And that is what we are doing. We like it. The men and women like it. It works."

Said the second man, likewise the boss of a centenarian small business:

"We operate on the theory that our men are our responsibility, and they respond by sharing our responsibility for production, quality and service to customers. We don't have a time clock. We can't afford a formal pension plan, because the average age of our employees is so high. But somehow or other we manage to take care of our men who have been retired for age. And we find means of taking care of active employees in times of temporary disability. It's all in the family: we help them and they help us in a joint venture for profit."

More of the same came from the lips of the next two, operators of small manufacturing companies with histories as honorable, if not quite so long, as those of the first two.

Comments of the other members of the group, most of them responsible for operations of considerable size, ranged from mild raillery to earnest queries about the impact of the Wage and Hour law, the Defense Production Act and the vast volumes of regulations spawned thereby. All of the comments were clearly tinged with envy over the accomplishments of these small companies. For here in practice were basic concepts of production for common gain, of mutual respect among workers of all degrees of skill and authority, of mutual responsibility and loyalty. Here were concepts that had made New England and America great.

But now they were by way of becoming quaint, out-moded and indeed outlawed. The group laughed, but not because they thought that what they were hearing was agreeably funny.

On the contrary, recent trends have been anything but funny, despite the fine examples of far-sighted industrial leadership of which we are seeing more and more, and despite the work of highly trained industrial relations technicians. "Fringe issues," properly a part of the pattern, are now resolved largely under the lash of organized demands. Industrial relations of the type proudly cherished by our little group of rugged individualists are, at many points, in direct conflict with law and regulations.

The battle among men for the fruits of production, or a share of the available food supply, or the spoils of war, is as old as man himself. Freedom for such battle—under appropriate rules, if you will—is an essential part of the concept of liberty and instinct in the doctrine of free enterprise. But now who is fighting whom? The line of battle has now been drawn horizontally between workers on the one hand and management and owners on the other. It is simple to state the elementary fact that, in the long run, the amount to be divided—and the share of each member—can only be increased by producing and selling more and better products at lower prices. But realization of this basic fact, as a practical matter, is not so easy.

Although some vigorous vestiges of our American traditions still remain, management is now fast producing a new kind of leadership to meet the needs of our time. Management, we hope and believe, is really beginning to lead again, and to find ways of making even giant corporations come alive as cooperative human enterprises. More and more emphasis is being placed on the concept of the community of interest among all of those involved in a corporate enterprise engaged in making things to sell at a profit: the workers, the managers and the owners. They prosper together or, in the long run, they must fail together. Big Steel calls itself "the industrial family that serves the nation." Other companies, large and small, are expanding and giving reality to this kind of teaching.

Can we hope that, in time, this approach to industrial relations will out-mode the present alignment, in order that all men in industry, of whatever rank, may see clearly where their interests lie? Let time now tragically spent in warfare be spent in campaigning against the real competitors for the divisible dollar: other companies in the same field, other products suitable for the same need, other aspirants for the public fancy. Let us have our inevitable battle lines drawn vertically between groups working for public favor rather than the horizontal cleavages that are, in essence, class warfare and ultimately destructive. Let us do battle for prizes worth having instead of booby traps.

^{*} Besides being president of a progressive small business, Mr. Fuller, author of our twenty-ninth guest editorial, is a director of the MAC, the Manufacturers' Association of New Haven County and the New Haven Chamber of Commerce. He is also a past president of the New Haven County Manufacturers' Association, a former vice president of New Haven Chamber and a one-time director of the Grinding Wheels Manufacturers' Association.

MASTER MOLDER, John De Filippo, is shown removing the master pattern from its bed of hard-packed sand.



SIMON CIVILETTO, employed by Ives for ten years, shows his father Joseph his handiwork in polishing bronze door handles.



AN IMPORTANT STEP in the production of builders' hardware takes place in the plating department.

THE

74.8. Tues co.

THIS brief story of the seventy-five year old Ives Company is one of a continuing series giving the highlights of Connecticut manufacturing establishments.

THE H. B. IVES COMPANY, New Haven, Connecticut celebrated the seventy-fifth anniversary of its founding in 1951. The occasion, duly noted in a special edition of the firm's employee house organ, is a fitting tribute to a typical American enterprise which had its beginnings in 1876 in a barn at Fair Haven, Connecticut. Today, the firm occupies its own five story manufacturing plant in one of New England's busiest manufacturing communities.

Throughout the company's long history, Ives products have played an important part in the hardware industry. The first, a mortise door bolt, was so well accepted by the trade that within a short time after its introduction, Hobart B. Ives, the firm's founder, was able to abandon his cow-barn manufacturing facilities in favor of larger quarters in New Haven. There, with but four employees on the payroll, the company introduced its first patented sash lock which gained immediate recognition. It has since become one of the nation's household necessities. Known as the "Crescent Sash Fastener" this Ives product set the pattern for many imitations and is still accepted and installed in private homes



A SPECTACULAR STEP in the production of Ives hardware is the pouring of molten brass into the sand molds which form door knockers, sash lifts and hundreds of other Ives products.

and public buildings throughout the world.

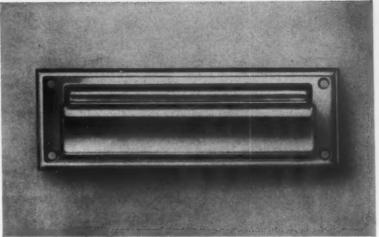
A new, improved version introduced in 1949 and known as the "Ivesfast Sash Fastener" is the streamlined, modern counterpart of the original 1880 model.

During its 75 year history, Ives has added many other essential items to its growing line of quality builders' hardware. Each has gained ready acceptance by the industry and the public for its high quality of workmanship and materials.

The most recent innovation to the Ives line has been in the field of com-



IVES DOOR KNOCKERS welcome visitors to homes everywhere.



THE "WEATHERTITE" LETTERBOX plate is an entrance accessory produced by Ives.

petitively-priced aluminum hardware. Pioneers in this field, Ives developed the process to manufacture, with maximum efficiency, a complete line of sash fasteners, bar lifts, coat hooks, door stops and other items. These non-rusting products are said to be exceptional in strength, durability and appearance.

Ives permanent-molded aluminum became an almost immediate success and proved to be of great value to builders in the low-cost housing field. Inherent in the development of the process was the problem of plating aluminum in various finishes. Ives' success in mastering this difficult operation is another milestone in the progress of the company.

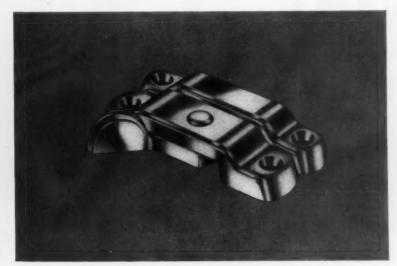
Despite these innovations, Ives has rigidly maintained the basic standards

of quality and service set down by the firm's founder. These standards, according to John B. Morse, Jr., vice president, have been the lifeblood of the company and the key to its success.

Ives' interests and activities have been devoted exclusively to the production of builders' hardware. By constantly expanding and improving its line of specialty items, the company has set high standards of quality and gained worldwide recognition as specialists within its segment of the building industry. Ives products have been specified and installed in some of the nation's largest and most famous public buildings.

That the company has been as successful in its employee relations as it has been in serving the building industry is attested by the fact that Ives production operations have continued without interruption for the seventy-

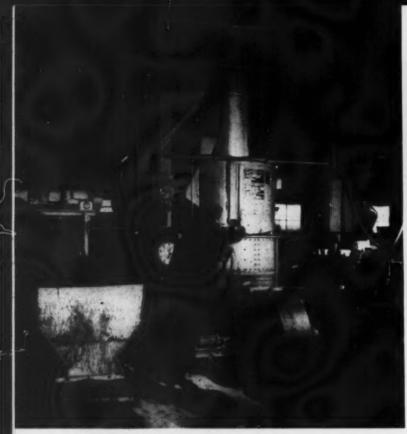
(Continued on page 31)



A MODERN ADDITION to the Ives lines of sash fasteners is this streamlined "Ivesfast"



. . . successor to this original "Crescent" sash fastener.



QUALITY-CONTROLLED synthetic sand is produced with pure silica sand from Cape Cod mixed in the Sand Muller with Southern and Western bentonite clays and certain chemicals. These ingredients are carefully weighed as they are placed into the Sand Muller, which coats each grain of sand with clay and chemicals as it cools the mixture. It is because of this synthetic sand that the molds deliver castings with fine finish and sharp contour delineation.



SYNTHETIC sand is automatically discharged from the opposite side of the Muller into cars. These are lifted by electric hoist to a overhead monorail, which conveys them to a series of storage hoppers above the row of molding machines. This arrangement provides each molder with a constant supply of sand of the property of the propert

"CUTAWAY" Opens Modern GREY IRON FOUNDRY

THE newest, and the most modern grey iron foundry of its type in Connecticut, has just been put into operation by the "Cutaway" Harrow Division of Orkil, at Higganum. This fully mechanized, continuous-pour foundry replaces one that this 8y year old harrow manufacturer has been running since 1886. This new jobbing foundry introduces quality control at every step. The newest machinery, coupled with scientific instrument con-

trol, eliminates human variables and assures uniformity. Strict cupola controls produce the "hottest iron." This characteristic, plus daily chemical analysis, gives the ultimate in free-machining metal for each product. Scientific control of synthetic sand is responsible for fine finish and sharp delineation of casting contours. Such are the facilities of the foundry with which "Cutaway" is expanding into contract work.



STILL on the same dolly where it was put by the molder, and on which it was poured, the mold process by rail to the cooling floor. Here it pauses only less enough for the iron to solidify. It is then dumped on a vibrating conveyor, on which the castings and sale are separated as they are carried toward the cleans operations.



WITH a single pull of a lever this molder automatically secures a supply of controlled-quality sand. This sand is packed uniformly around the match plate by the pneumatic jolting and squeezing of the machine. Completed molds are placed behind the molder on a dolly, and conveyed over rails to the pouring floor. The supply of molds, and the pouring, is continuous.

gen

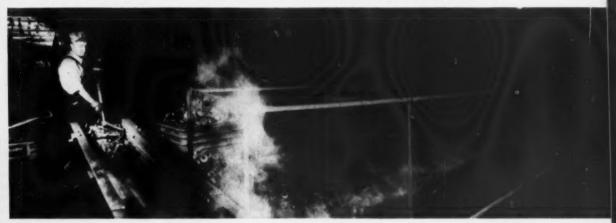
nly k

and s

clean



AT THE REAR of this view you see the cupola where iron is melted under strict control. This cupola is equipped with automatic air weight control. Briquettes of alloying metals are added by weight, in fact, all ingredients are carefully weighed. And a chemical analysis of the iron is made daily so as to assure the best metal known to meet the requirements of each product.



FINAL separation of sand and castings is done at Shake-out Grate, through which sand is dropped to another conveyor, which returns the sand to storage. Castings are separated at end of conveyor for cleaning operations. Cycle takes place so rapidly that sand is still steaming and castings are too hot to be handled by gloved hands.



CASTINGS are cleaned of all fused sand in a shot blast machine. Castings are subjected to bombardment of steel shot while being constantly tumbled. All dust is carried away by exhaust ducts to outdoor dust collectors, for protection of the workers.



CASTINGS leave the cleaning machine by roller conveyor. At the next station each casting is carefully inspected. Then it travels to the snag grinders where the "gates" are removed. Adjacent to this department is the Shipping Platform.



STUDENTS WORK on the solution of basic problems in science. (Right) Future technicians at work on design problems.

Technicians for Connecticut Industry*

By CARMELO S. GRECO, Assistant Director, and the Faculty of the State Technical Institute, Hartford, Connecticut

THIS article is being published to acquaint Connecticut industrial management with another important educational facility available for the training of industrial technicians. Unless an ever increasing number of well trained technicians are made available to industry there is little hope of meeting present defense production quotas, or of building a sound peacetime industrial expansion.

OMPETENT industrial technologists, graduates of the State Technical Institute at Hartford, are helping to relieve the acute shortage of technicians throughout Connecticut. However, the full demand for these graduates cannot be met at this time.

Since its inception in 1946 the State Technical Institute has had for its objective the preparation of well-educated and well trained technicians for immediate employment. Secondary school graduates entering the Institute are educated for positions which lie between the skilled trades, and professional engineering positions. This educational plan is best described in the words of the American Technical Education Association as: "Education to earn a living in an occupation in which success is dependent largely upon technical information and understanding of the laws of science and technology as applied to modern design, production, distribution and service.

TYPICAL JOBS HELD BY INDUSTRIAL TECHNICIANS WHO ARE GRADU-ATES OF THE STATE TECHNICAL INSTITUTE PROGRAM...

Tool and Die Layout Draftsmen Sales Engineers **Designers of Small Tools** Designers of Special Machinery Engineering Aldes and Assistants Assistant Plant Engineers Research Assistants **Plant Layout Engineers** Field Service Engineers **Die Designers** Plant Safety Engineers Aeroplane Engine Test Technicians Electric Transformer Test Techniclans Engineering Calculators and Computers **Designers of Test Equipment** X-Ray Equipment Technicians **Designers of Electronic Controls** Writers of Technical Manuals Radio and Cathode Ray Tube Technicians **Quality Control Technicians Power Plant Attendants Electroplating Technicians**

Co-operation with Industry Key to Institute Program

The courses which students study at the Institute have been developed and selected with the assistance of the Connecticut Technical Council and the educational advisory authorities of the major engineering societies in the mechanical, electrical, and tool engineering fields. These advisory committees have been particularly helpful in initiating this advance in education. Moreover, they have been helpful in evaluating the products of the Institute, in disseminating information about the course offerings, and in identifying employment opportunities in Connecticut industry.

As a result of this cooperation, the State Technical Institute was the first school of its kind in the East to be awarded the American Society of Tool Engineers' certificate of approval for "Having complied with the Society's established requirements for the administration of a Tool Engineering curriculum."

The Institute faculty as well as the students make a continuous effort to learn about the current problems which are confronting business and industry in Connecticut. Inquiries in connection with current technical problems of

^{*} Formerly-Connecticut Engineering Institute.

business and industry are welcome, particularly if the problem is of such a nature that it will provide for the students "practical work experiences" in connection with some subject being studied. The Institute staff also welcomes the opportunity to work with any industrial or professional group to initiate appropriate technical programs designed to serve industry.

Institute Programs

The State Technical Institute, operating as the upper technical division of the Hartford Regional Technical School, is the only unit under the State Department of Education specifically organized to give technical institute level courses. The Institute offers two-year, post-high school programs in electrical, mechanical, and tool technology.

During the first twenty-four weeks all students take the same courses. These studies provide the basic mathematics and science background required for specialization during the remainder of a student's time at the Institute. Courses given during the first year include public speaking, report writing, engineering drafting, mathematics, physics, chemistry, electricity, and machine shop work.

At the end of the first twenty-four week period, the student elects to specialize in one of the three fields, i.e., electrical, mechanical, or tool technology. He then takes courses which give him an excellent foundation of technician information and experiences for success in his chosen field.

ey

y at

and

con-

the

me-

tees

niti-

ore-

valu-

e, in

the

ying

ecti-

, the

first o be

Tool

l for

iety's

ad-

g cur-

s the

ert to

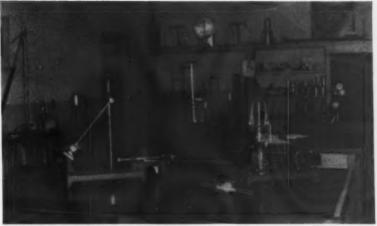
vhich

lustry

is of

IN ELECTRICAL TECHNOLOGY, a student learns about electric circuits, about motors of all sizes and kinds; generators, and how electricity is generated, transmitted, distributed and used. He studies vacuum tubes, power tubes, fundamentals of radio and electronic circuits. He studies industrial electronic circuits and their application to control industrial processes such as changing motor speeds, sorting materials, or operating alarms.

IN MECHANICAL TECHNOLOGY, he learns the principles of machine design and their application, studies about torsion, bending and flexure of metals; about industrial machinery, clutches, brakes, springs, flywheels. He designs linkages, gear trains, and cams which can give any required motion to machines. He is familiarized with ingenious mechanisms. He learns to make accurate and complete engineering production drawings of the parts he designs so that these parts can be produced



LABORATORY EQUIPMENT is modern and adequate for studying technical subjects.



STUDENTS ARE REQUIRED to locate defects in electrical equipment.



THIS MODERN, fully equipped chemical laboratory provides means for teaching basic science.

in a machine shop or factory. He studies industrial materials and the processes used in their production, and learns the fundamentals of thermodynamics used in heating, ventilating, and refrigeration.

IN TOOL TECHNOLOGY, he learns to design metal cutting tools, gages, jigs, fixtures, punches and dies. He studies production line layouts, production forecasting, planning and control; scheduling, routing and dispatching materials and parts; balancing production, inventory control, and quality control. He learns about methods of determining and distributing expenses and estimating material, labor, and tool costs. He makes flow charts, showing each step required in the manufacture of an article from the ordering of the material to the finished product. He makes layouts of machines and plants. He learns to make time and motion studies and the techniques helpful in successfully measuring labor, fairly.

Throughout the two-year State Technical Institute education program classroom, laboratory, and shopwork are combined to give the student a thorough understanding of the practical application of engineering principles to real work situations. It is this training in application of engineering principles that makes Institute graduates so valuable to employers.

It is realized that to prepare for modern daily living schools must develop moral, civic, social, and economic competence. Because of the nature of the State Technical Institute's Program, the major emphasis is necessarily placed on the development of economic competence. However, every attempt is made to provide for the growth and development of the whole individual by making learning more meaningful, by providing for individual differences, by encouraging participation in student activities, and by including general education courses such as English, Economics, and Industrial Organization and Management in the curriculums. It is realized that employers most often seek the best "all-around" student rather than the "brain" of the class.

Institute Facilities

The Institute is located in new, modern quarters at 561 Main Street, Hartford. The entire 10,600 square feet of floor space was specifically designed to house the Institute program. There are large, well equipped, chemistry, physics, electrical power, and electronics laboratories, and a materials laboratory is now being equipped for the standard

testing of engineering materials. Also available for use by the Institute are the shop and laboratory facilities of the Hartford Regional Technical School.

Together these laboratories and shops provide a quantity, quality, and variety of equipment which enables the Institute to give courses providing extensive laboratory and shop experiences as well as classroom instruction.

Institute Faculty

The success of any educational program depends mainly on the wisdom, insight, understanding, preparation, and efforts of its faculty. The faculty of the State Technical Institute is composed mainly of engineering college graduates who have had many years of successful practical, industrial, engineering, and teaching experience. A large number of the staff members hold Masters' Degrees. However, most members have been selected because of their down to earth practical approach to engineering problems and their knowledge of the way things are done in connection with the technical aspects of business and industry. That the faculty is well prepared for its job is evidenced by the positions being held by graduates of the Institute as well as by the very favorable comments made by the industries employing the graduates. These employers are practically unanimous in reporting that Institute graduates are well prepared for their jobs.

Institute Serves All Connecticut Youth and Industry

The State Technical Institute provides for secondary school graduates the opportunity to obtain two years of technical institute level education. Connecticut youth has responded to this opportunity by coming to the Institute from all parts of Connecticut. The school's records show that some students have come from as far west as Stamford, as far east as Killingly, and from Suffield on the north, to Branford on the south. Students have come to the Institute from more than sixty Connecticut towns.

Studies in which Connecticut industry took part show that industry needs, and can advantageously employ, at least three times as many technical institute graduates as it can four year engineering college men. Latest figures indicate that ratio has recently stepped up to 5 to 1 because of continual technological developments in industry.

Moreover, while the main objective of the Institute is education for immedi-

ate gainful employment as a technician, experience has shown that at least ten per cent of the Institute's graduates have transferred to engineering colleges to continue their education. Most of these graduates have been able to get from one to two years credit in these colleges for the work done at the Institute.

Evening School Program

A discussion of the State Technical Institute would not be complete without reference to its Evening School Program. This program permits young people and adults to continue their education after working hours. Thus they have the opportunity to learn to do their jobs better and to prepare for promotions to technical jobs. This year twenty-seven technical institute level courses are being given. The subjects taught are in the fields of engineering design and drawing, applied engineering mathematics, production technology, industrial management, electrical technology, electronics, chemistry, physics, technical report writing, public speaking, surveying and fire protection engineering. One or more of the courses offered may be taken to meet the particular needs of the individual, or, in sequence preparing a person for proficiency in a particular field such as mechanical design, tool design, or manufacturing analysis. This school year more than 500 students enrolled in the evening school program. These students came from more than 21 towns in the greater Hartford area and were employed by 185 different industrial and business concerns. Thus, it is evident that this program is performing a real service both to the people and to industry in Connecticut.

Conclusion

From time to time there has been considerable discussion in connection with Technical Institute education. The public generally, and many business and industrial leaders are not familiar with it. It is for this purpose that this article has been written. The Faculty of the Institute is dedicated to this program. It feels rather strongly that this type of education has a very definite niche in the pattern of education for Connecticut, particularly for those young men and women who cannot afford to go to college, yet who by all criteria should continue their education beyond the high school level. The State Technical Institute makes this possible, tuition free.



MANUFACTURERS WERE PARTICULARLY interested in the industrial arts departments of the high schools. At the metal working shop of the Hamden High School visitors saw a metal table nearing completion under the guidance of the instructor, Frank Luddington. (Right) Children served as guides at the Ridge Road Elementary School. Four industrialists look over the text books in use at this modern school.

New Haven Holds Second Round of Plant-School Tours

BECAUSE of the educational values that have been made available through plant-school tours in New Haven and other areas of the state during the past two years it is hoped that this program will be continued in towns and cities where previously held and launched in other industrial areas as a new venture in mutual understanding between the schools and industry.

THE METROPOLITAN area of New Haven, Connecticut recently completed its second cycle of plant and school tours, under the general sponsorship of the Manufacturers' Association of New Haven County and the school systems of five communities.

en es es of et se

cal chcol ng

lu-

ey

eir

ear vel

cts ng er-

olcal

ıb-

ec-

the

eer

ial.

for

as

or

ool

led

ese

vns

ere

rial

vi-

ga

to

een

ion

on.

usi-

not lose The l to logly very locafor canlogly very locathis The industrialists and school systems began their visits two years ago, when the first B-I-E Day was held in the Spring of 1950. It was followed up in the Fall with visits to 70 schools by 300 business people. The school sys-

tems cooperating in this undertaking include New Haven, East Haven, West Haven, North Haven, and Hamden.

The second round of plant tours showed an increase in the number of participating companies, which totaled 68 in the Spring of 1951. Approximately 1600 teachers visited these firms, which included all types of business from retail stores to major utilities. On November 8 of this year, the business people turned out 400 strong to visit 80 schools in the five communities.

"After two years experience with these programs," Mr. Charles Costello, President of the Manufacturers' Association said, "we are convinced that a real understanding and a greater respect between the two groups has been firmly established. Ideas for new projects involving the mutual cooperation of schools and industry have been reached, and we look forward to future programs, which should tie us together even more closely."

Recently the joint committee of the Manufacturers' Association and the school superintendents announced a further development in their cooperative action. Regular conferences between personnel managers and voca-

(Continued on page 31)

AT HAMDEN HIGH SCHOOL Miss Barbara Beers and Miss Margaret Keefe (standing) demonstrate the new general public address system for Charles Costello, president of the Manufacturers Association of New Haven County; William Moody, principal; and David Wyllie, assistant superintendent. (Right) George I. Thomas, principal, and a group of New Haven area businessmen look on as Mrs. Harriet Bronberg reads to a group of youngsters at Ridge Road School.



WE ARE FIGHTING THE

WRONG WAR

By EUGENE E. WILSON

EUGENE E. WILSON, a resident of West Hartford and the author of this article, is a former naval officer and industrialist, and one of the most hard-headed realists in the aviation field. As a naval staff officer, he helped conceive and work out the idea of the carrier task force. While President of United Aircraft Corporation, he helped develop the American aircraft industry; and while chairman of the Board of Governors of the Aircraft Industries Association, he wrote that industry's air policy statement. He is now a member of the National Planning Association. Commenting on this article, Mr. Wilson says: "I am absolutely certain of my facts. They came from a private speech to a preparedness group, by a top level executive in position to know. I am confident of the conclusions."

OUNTING military expenditures have now become a source of military weakness. Dangerously heavy, even prior to Korea, they have now become insupportable; yet the end is nowhere in sight. Military spending is no longer a marginal influence upon the economy but the controlling factor in national security. Unless we take it promptly in hand we shall surely commit national suicide.

Top civilians in government recognize that the problem is not just one of inefficiency. It goes to the very heart of military and economic policy. But here civilians are at a temporary disadvantage. The moment they question military strategy they expose themselves to the smear of "butter versus guns," or the blanket charge of denying the military tools essential to the discharge of their responsibilities. This perhaps explains Mr. Churchill's complaint that in America the military dominate the civil government. Here, in truth, civilians are now the prisoners of The High Brass

All this has come about since the Second World War. For, after the production miracle had been performed, leaders in the aircraft manufacturing industry had demanded the appointment of a Presidential advisory commission to recommend a new national air policy—one calculated to avoid future unpreparedness. To this end the Finletter Board convened and submitted a report entitled "Survival in the Air Age."

Behind the scenes, despite the fact that "Unification" had been decreed, a basic conflict had continued to rage within the armed forces. The point at issue was the role of air power in military policy, especially as affected by the A-bomb. This issue proved such a hot political potato that it was deliberately suppressed, even after the conflict had erupted into the open in the B-36 controversy. The outcome of that was chastisement for those who had raised the issue and the establishment of a national policy based almost wholly upon our monopoly of the A-bomb.

The policy remained unchanged, even after the Soviet had broken the monopoly. It continued in effect even after the outbreak of war in Korea where hordes of Asiatics, some mounted on Siberian ponies, some on twinhumped camels and some on "shanks' mares," had refused to bow in obeisance to our vaunted air superiority. Air Force preoccupation with the A-bomb persisted even after the hordes had been barely stopped on our goal line by a hastily improvised tactical air force composed of Marine and Navy fighterbombers trained in close support, assisted by assorted Air Force casuals. It continued to persist after the Chinese had created a fighter force superior to ours in numbers and in performance. It still persists, despite the recent proclamation by Air Force General Vanderberg that use of the A-bombs now being stockpiled would prove "wasteful" in Korea.

Failure in Korea is brushed off with the assertion that U. S. Air Policy is tuned to the European Theatre. The decisive factor there is the overwhelming preponderance of Russian manpower. Good judgment would seem to



have dictated the creation of an overwhelming allied tactical air superiority. Instead, it is the other way around. The Soviet is reported to have concentrated some 12,000 aircraft, trained and indoctrinated in Army cooperation, while we muster but few, if any.

The classic Air Force answer to this and other enigmas is "strategic" bombardment. This time, they will forego wasteful assaults on civil populations in order to concentrate on truly strategic targets such as enemy air-fields, oil fields, transportation and industrial installations. This is a distinct advance from the doctrine preached by the Italian General Douhet who sold the Sunday-punch technique to Hitler in the form of Blitzkrieg and thus brought ruin upon Germany and Italy.

Now, "strategic" bombardment of Soviet targets, widely dispersed and strongly defended by such interceptor-fighters as the MIGs, is no mean undertaking. It calls for huge "inter-continent" bombers based at home and "mediums" based overseas. To occupy and hold overseas bases we must deploy large ground forces. To supply and maintain them we must employ vast seaborne forces.

Meanwhile, command of the sea is an enormous problem in itself. In the last two wars, enemy submarines all

(Continued on page 28)

for America's industry



Puritan Cups and Containers for water, cold drinks, hot drinks, dairy fountain specialties, food and ice cream. A sanitary paper service that protects health and cuts costs.

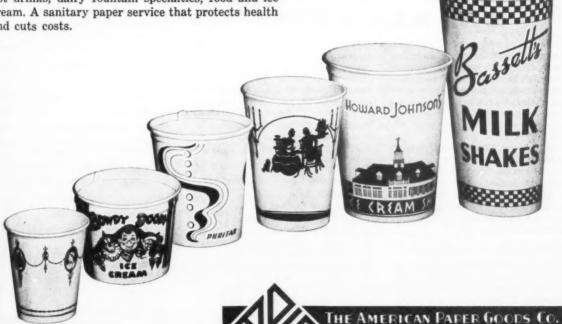
ity. he ted inile

his

m-

ego ons iteoil innce

the the in ght of ind orerntiind ру loy ind ast is the all



KENSINGTON, CONNECTICUT . CHICAGO, ILLINOIS

SINCE 1893



Alfred Earle rebuilt a home for his bride
—and did most of the work himself.



His hobby: making toys.



A new skill: typewriting.

HE BUILT A WHOLE LIFE -WITH HALF A HAND

An accident at work required the amputation of Alfred Earle's right arm above the wrist. That was misfortune enough, but his left hand had already been practically paralyzed by an enemy bullet during World War II. It looked like total disability.

The solution

At the Liberty Mutual Rehabilitation Center in Boston a specially designed artificial arm was fitted. Then Alfred received the individualized training for which the Center is noted. Now he can use tools, operate a typewriter and earn his living by day while he studies a business course evenings.

HUMANICS: A New Program

Liberty Mutual's Rehabilitation Service is just one phase of HUMANICS, a comprehensive program for combatting loss in industry. HUMANICS works to prevent accidents by "guarding men" as well as machines. It reduces the human and financial cost when a man is injured,

by providing the best medical care and by rehabilitating the badly injured.

Result: Higher Production

Because it provides much more than protection, HUMANICS offers employers a new standard of value for Workmen's Compensation Insurance. It helps to increase the effectiveness of working men and women. It "pays off" — in better productivity.

You can check your own program

"HUMANICS: A new concept of loss control in industry" is a book describing five ways to reduce the cost of Workmen's Compensation Insurance, increase productivity and improve employee relations. A request will bring a copy without charge. Address Liberty Mutual Insurance Company, 175 Berkeley St., Boston 17, or the nearest branch office.

HUMANICS

INCLUDES

Industrial Engineering to eliminate physical and mechanical hazards, establish safe methods and practices.

Industrial Hygiene to assure a healthful working environment.

Industrial Preventive Medicine to protect the worker's physical fitness.

Claims Medical Service by eminent specialists to facilitate the rapid recovery of injured workers.

Rehabilitation to restore badly injured workers to productive lives.



NEWS FORUM

This department includes a digest of news and comment about Connecticut Industry of interest to management and others desiring to follow industrial news and trends.

C. K. DAVIS, president and general manager, Remington Arms Company, Inc., Bridgeport, has announced the appointment of Walter U. Reisinger, vice president and treasurer, to the additional duties of director of finance, and the election of Hans M. Stoessel, of Wilmington, Delaware, to succeed Mr. Reisinger as Remington's treasurer.

Mr. Reisinger has been Remington's treasurer since June, 1933, when controlling interest in the company was acquired by the DuPont Company. In January, 1943, he was elevated to the office of vice president.



AN IDEA FOR reducing waste has won for Nester L'Heureux, an employee at the Meriden plant of the American Cyanamid Company, a suggestion award of \$125.

Mr. L'Heureux's award is the highest yet attained under the suggestion plan recently established at the local plant, according to P. B. Watson, works manager, and chairman of the suggestion committee.

rds,

ine

288.

mipid

dly res. The plan gives every employee an opportunity to submit ideas for improving manufacturing processes, increasing efficiency, promoting safety and re-

ducing waste in any form. In return, the company makes cash awards for approved suggestions.



R. E. WALDO

R. E. WALDO, who has been affiliated with General Motors Corporation for the past 25 years, has assumed the position of general manager of the Corporation's New Departure Division.

Mr. Waldo succeeded Milton L.

The Cover



THE winter sun glances along the surface of a snow covered hill in Tariffville, Connecticut. Photo by John Strang.

Gearing, who severed connections with the division to engage in business for himself. Mr. Gearing, associated with New Departure for 29 years, has been its general manager for four years.

Mr. Waldo was born in Lapel, Indiana. He first joined General Motors in 1926 as an accountant in the Delco-Remy Division, Anderson, Indiana.

When General Motors took over the Packard Electric Division in Warren, Ohio, in 1932, Mr. Waldo went there as resident auditor. A year later he was transferred to the Guide Lamp Division.

During World War II, he served as personnel director of the Eastern Aircraft Division, which was formed to manufacture fighter planes for the Navy. Following the war he was named personnel director of the Buick-Oldsmobile-Pontiac Assembly Division of GM, and prior to going with New Departure as assistant general manager last October 1, he had served for four years in Detroit as assistant to the General Motors' vice president in charge of the Accessory Group.

MANUFACTURERS OF PAPER SINC€ 1850 - FOLDING BOXES SINC€ 1895

ROBERTSON · PAPER · BOX

OMPANY · INCORPORATED

MONTVILLE · CONNECTICUT

NEW YORK 420 LEXINGTON AVENUE - BOSTON . PARK SQUARE BUILDING

IN NEW HAVEN STOCK

DELAVAL SPEED REDUCERS
ELECTRIC HOISTS 3/4 TO 2 TON
(LARGER SIZES SHIPPED PROMPTLY)
HAND HOISTS 1 TO 3 TON
TROLLEYS 1 TO 5 TON
HAND WINCHES 2 TO 5 TON
MANSAVER GRABS FOR BOXES AND BARRELS
GRAVITY CONVEYORS
MONORAIL AND CRANE SYSTEMS
LITTELL AUTOMATIC CENTERING REELS

CAN BE SUPPLIED PROMPTLY

POWER DRIVEN BELT CONVEYORS
LEWELLEN VARIABLE SPEED TRANSMISSIONS
POOLE FLEXIBLE COUPLINGS
MANSAVER GRABS OF ALL TYPES
ROPER PUBLICATION
SKIP HOISTS - SPECIAL WELDED STRUCTURES
SPECIAL FACTORY TRUCKS AND TRAILERS
HAND AND ELECTRIC CRANES UP TO 15 TON

Write or Phone 5-9311

J-B ENGINEERING SALES CO. 310M East Street New Haven 3, Conn.

Designers and Manufacturers

of Tools, Dies, Jigs, Fixtures and Gages Jig Boring and Jig Grinding Precision Form Grinding Planing, Boring, Turning Cincinnati, Lucas and Bullard Machines

We build Special Machinery and Parts Welded Fabrications We will do your Stampings and Spot Welding Progressive — Swedging Broaching — Drawing Short Runs — Long Runs

THE

SWAN TOOL & MACHINE CO.
30 Bartholomew Avenue
HARTFORD 6, CONNECTICUT



WOMEN of the Bridgeport plant of Handy & Harman, refiners and fabricators of precious metals, were honored for service with the company recently at award ceremonies at the Stratfield Hotel.

G. H. Neimeyer, president, presented awards and reviewed the events of the past year which affected the company's operations.



JAMES J. CARNEY, founder and president of the United Tool and Die Company, West Hartford, died recently at his Wethersfield home.

A native of Hartford, Mr. Carney was educated in local schools and spent most of his business life in the area. He was also president of the West Hartford Realty Company.



FORMER GOVERNOR John H. Trumbull, one of the founders of the Trumbull Electric Manufacturing Company, was among the six past presidents of the National Electrical Manufacturers Association honored at its 25th annual meeting in Atlantic City, N. J.

Mr. Trumbull was a member of the N.E.M.A. board of governors from 1927 to 1930, and from 1932 to 1934. He was the fourth president of the organization. From 1900 to 1945 he was president of the Trumbull Electric Manufacturing Company, now the Trumbull Department, General Electric Co., and was one of its five founders in 1899.



THE APPOINTMENT of Elbert C. Brown to be assistant to the president of the Hartford Electric Light Company has been announced by President Kenneth P. Applegate. Mr. Brown has resigned as manager of the Connecticut Valley Power Exchange, an association directing the operations of several interconnected electric systems in the area.

Mr. Brown, a native of Melrose, Massachusetts, was graduated from Massachusetts Institute of Technology and first entered the utility business with the former United Electric Light Company of Springfield.

A recognized authority on the joint use of interconnected electric systems through voluntary action, Mr. Brown is secretary of the planning committee of the Electric Co-ordinating Council

CAPRONI ASSOCIATES ARCHITECTS & ENGINEERS

1221 Chapel Street New Haven, Connecticut

-0()0-

PLANT DESIGNS FOR ECONOMICAL OPERATION

STEEL CASTINGS

From an ounce to 1000 lbs. each.

Try us for fast delivery when your needs are urgent.

THE
NUTMEG CRUCIBLE STEEL
COMPANY

BRANFORD - CONNECTICUT

Photostats • Drafting Supplies • Blueprints

Joseph Merritt & Co. 166 Pearl Street Hartford Tel. 2-9255 of New England, and also an area representative of the Power Survey Committee of the Edison Electric Institute.



WILFRED L. HANFORD, of the Bush Manufacturing Company, Hartford, has been elected first vice president of the Purchasing Agent's Association of Connecticut.

H. Stanford Kellam of the Trumbull Electric Company, Plainville, was named second vice president, and E. Oliver Hanson, Keeney Manufacturing Company, Newington; Arthur LeVasseur, Wallace Barnes Company, Bristol; and John T. Nicholson, Connecticut Telephone and Electric Company, Meriden, were named directors.



CONSTRUCTION of a one-story plant addition to Whitney Chain Company has been started, according to W. H. Whitney, president, to provide adequate facilities to meet the demand for the company's roller and silent chain products.

The new building contains approximately 10,000 square feet of additional floor space. This area will be devoted to the manufacture of fabricated steel sprockets and the large pitch roller and conveyor chains needed by both civilian and military users.

In addition, new press capacity will be installed, including heavy presses ranging from 280 to 400 tons. The new wing will also provide space for maintaining the large inventory of steels necessary to assure top production from the expanded facilities.



WITH THE DISTRIBUTION of year-end checks amounting to \$333,000 in "wage and salary dividends," Pitney-Bowes profit-sharing for employees during 1951 reached a record-breaking total of \$1,458,000, the postage meter company announced. Cash payments in the PB profit-sharing plan during the year amounted to about 9 per cent of annual base pay for most employees.

The year-end checks brought company profit-sharing over the twelve months of 1951 to a figure 27 per cent above last year's previous high of \$1,144,000. They represented dividends payable in December and previous 1951 declarations which employees had authorized the company to retain until this time at 3 per cent interest. Still on deposit or still payable are dividends amounting to \$94,000. Added to



sections. Law suits, resulting from excessive noise, are expensive—whether settled in or out of court.

It's good common sense to stop the noise first.

INDUSTRIAL SOUND CONTROL, INC., quiets industrial operations — the noise of jet and reciprocating engine testing — the roar of induced or forced draft fans - the hum of electrical transformers - the blast of cooling towers - the nerve-shattering crash and thump of heavy machinery.

INDUSTRIAL SOUND CONTROL, INC., was the originator of industrial soundproofing. Its installations, from cells for testing the most powerful jet engines to soundproofing a small compressor, have been job-proven over the years.

Whatever your noise problem may be, don't wait until your public or employee relations are threatened. Do as the biggest companies do -

CALL ON ISC FIRST!



MATERIAL HANDLING EQUIPMENT



- * TOTE BOXES
- . PILING BOXES
- DIPPING AND WASHING BOXES

Perforated or Wire Mesh

SHOP and FOUNDRY BARRELS

TOOL STANDS

STOOLS

RACK TRUCKS

DIE SHELVING

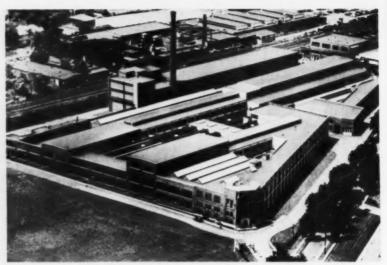
Equipment made to your specifications our specialty.

W. E. KELSEY

SONS, INC.

634 ASYLUM STREET PHONE 7-3151
HARTFORD, CONNECTICUT





THE Consolidated Machine Tool plant-new Farrel-Birmingham subsidiary.

\$347,000 distributed earlier in the year, the amounts paid or still payable bring total employee dividends for the year to \$774,000.

In effect since 1946, the Pitney-Bowes profit-sharing policy replaced the company's annual Christmas bonuses started ten years earlier. It ties the employee share of earnings directly to operating profits and places special emphasis on economy and production efficiency.

* * *

FARREL - BIRMINGHAM COM-PANY, INC., Ansonia, manufacturer of heavy industrial machinery and equipment, has announced the acquisition of the common stock of Consolidated Machine Tool Corporation, Rochester, New York, part of the consideration being securities of Farrel-Birmingham Company.

The transaction gives the Ansonia firm a timely addition of first-rate production facilities and the manifold advantages of acquiring a going concern of excellent reputation, manufacturing well-established lines of machine tools.

A need to improve the balance of Farrel-Birmingham's facilities was said to be an important factor in motivating the purchase, to fill a particular requirement for larger and more fully equipped machine shops.

Consolidated Machine Tool Corporation was formed in 1922 through the merger of several well known machine tool builders, some of which date back nearly to the time Farrel-Birmingham was founded, over a century ago. Consolidated machines now carry the well-established names of Betts, Bridgeford, Hilles & Hones, Ingle, Modern, Newton and Sellers.

The Rochester plant is located on the New York Central Railroad main line, with two spur tracks serving the plant. The company's property totals thirty-two acres, with 440,000 square



feet of floor space, including the office area. The plant will be operated as a subsidiary corporation, with Arthur H. Ingle continuing as president. He has also become a director of Farrel-Birmingham Co.

* * *

JAMES F. FENNING, manager of the Raybestos Division plant of Raybestos-Manhattan, Inc., Bridgeport, died recently at his home in Fairfield. A graduate of Rensselaer Polytechnic Institute he had been connected with the company for 22 years.

He is survived by his wife, a son, and

two daughters.

JOHN M. THOMPSON, JR. has been made a vice president of Underwood Corporation.

Mr. Thompson joined Underwood in December 1942 as an executive assistant in the president's office on ordnance and war work, and served as assistant chairman of the Carbine Industry Integration Committee. He previously was chief of the Industrial Division of the Rochester Ordnance District. Since October 1944 he has served as director of the company's International Division, and in his new capacity will supervise all of the company's sales and service activities outside the continental United States with representatives in more than 700 cities throughout the world.

Mr. Thompson attended the Citadel, the Military College of South Carolina, and following service in the first World War as an Air Corps officer, he was engaged in engineering and administrative work in Cuba, Mexico and a number of other countries.

* * *

GREAT NAMES in American manufacturing and three centuries of New Haven industry come to life in a new volume, "Our Yankee Heritage," published under the sponsorship of five school superintendents.

Carleton Beals, author of 25 volumes of politics, biography, fiction, and travel, wrote the book to tell in informal fashion about the "work, brains, and spirit" that have fashioned New Haven and its surrounding area.

The 318 page volume is one of the first attempts in the United States to bring the facts of industrial history into a form acceptable to high school teachers and interesting to their students in New Haven and its suburbs. Superintendents of school systems who co-

FREIDENCE

ELECTRIC • OILDRAULIC

PASSENGER • FREIGHT

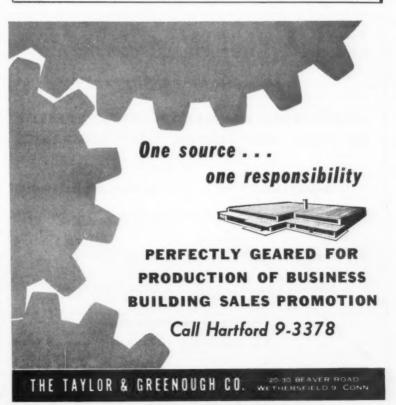
RESIDENCE

INSTALLATION • INSPECTIONS

REPAIRS • MAINTENANCE

THE EASTERN MACHINERY CO.

FACTORY AT NEW HAVEN, CONN.



Wiping Cloths

For Every Cleaning and Polishing Job in Industry

Washed and Sterilized in Our Own Laundry

Wiping Towel Rental Service

Cheese Cloths New and Washed

ORDERS FILLED PROMPTLY

TEL. NEW HAVEN 5-9929



MEMBER
MANUFACTURERS
ASSOCIATION OF
CONNECTICUT, INC.

FEDERAL TEXTILE CORPORATION

EAST AND WATER STREETS NEW HAVEN, CONNECTICUT

IN CONNECTICUT IT'S DESENTI

Authorized Distributor For

U. S. ELECTRICAL MOTORS

FAMCO Machines in Stock

Drill Presses
Arbor Presses
Power Presses
Squaring Shears
Horizontal Band Saws

TEL: New Haven 6-7407

WILLIAM DESENTI

865-885 Congress Ave., New Haven

operated in the work include Justin L. O'Brien, New Haven; Miss Margaret L. Keefe, Hamden; Melvin E. Wagner, West Haven; William E. Gillis, East Haven; and Dr. Cecil L. Rice, North Haven.

Three thousand copies of the volume have been distributed for use in history, vocational guidance and social studies classes.

"We think this is a significant venture in acquainting our school children with the heritage of greater New Haven, its present role in the American economy, and its hopes for the future," said Justin L. O'Brien, superintendent of schools of New Haven, in behalf of the school superintendents.

One of the major points made by Mr. Beals in his volume, which was financed by a group of New Haven businessmen and civic leaders, is the diversity of New Haven industry. Over 600 plants in 20 major lines of production are now situated in the metropolitan area.

The great names of American industry who lived and worked in New Haven appear in the pages of the volume in informal, conversational fashion. In discussing the present period, Mr. Beals has chosen examples of typical industries, large and small, from the making of bricks to the precision instrument companies and the manufacturers of guns, clocks, hardware, and wire. The story of New Haven life and industry is told through three imaginary families but the events are true and are based on historical research, even to the conversations which are recorded.

Carleton Beals has been an educator as well as author. Two of his volumes have been book club choices and others have been condensed by "Reader's Digest." He was a high school principal and a faculty lecturer at the University of California and the National University of Mexico. He was twice winner of the Bennheim Essay Prize and won the Bryce Historical Prize.



TWO VICE PRESIDENTS of Underwood Corporation have been given new duties which will affect the company's plants in Hartford. L. E. Lentz has been named to direct all research, experimental and development engineering for the company, and Donald S. Sammis, has been appointed in charge of all manufacturing units, including current engineering carried on at the factories, according to an announce-

JOHN J. PLOCAR Company*

MANAGEMENT CONSULTANTS

SPECIALIZING IN MANAGEMENT PROBLEMS
OF SMALL AND MEDIUM SIZED COMPANIES

Organization

Methods and Incentives

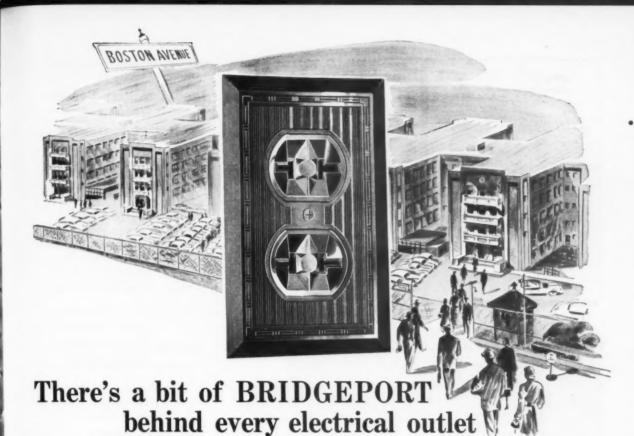
Production Control

Costs and Budgets

Personnel Administration

**

STAMFORD. CONNECTICUT



WHEREVER YOU LIVE and work—in your home, in your place of business... wherever you travel—along the highways and railways... you see signs of electrical power... signs of G-E construction materials.

At the Bridgeport Works, the Construction Materials Division helps make today's—and tomornow's—electrical power possible. For G-E construction materials are the foundation products that carry electric power into millions of homes, offices, and factories, and make it available at any time of day or night.

The Construction Materials Wire

and Cable Department is responsible for the manufacture of more than 150 types of wires and cables in many different sizes for electrical and electronic uses—including much of the aerial and underground cable that carries power from electric utilities to residential and industrial users.

The Division's Conduit Products Department produces the materials that provide mechanical protection for wiring—conduit boxes and steel conduit and tubing to protect wires from damage and moisture—underfloor wiring systems that give industry new freedom of electrical availability.

The Wiring Device Department of the Construction Materials Division produces the wiring materials with which you are most familiar at home and at work. Switches, outlets, sockets, fuses, and the amazing new remote-control wiring system are produced in the Bridgeport Works to improve electrical service throughout the nation.

Behind every electrical outlet in the long chain of electrical materials between the electric utility and the user of electricity—you'll find the products of the Construction Materials Division on the job.

G-E CONSTRUCTION MATERIALS GO WHEREVER ELECTRICITY GOES



G-E BX* cable . . . one of the best known names in electrical wiring materials for many years.



G-E conduit provides mechanical protection for wires and cables. In commercial and industrial buildings, it's a "must"



G-E mercury switches operate silently — offer the modern touch to homes, offices, stores, and hospitals.



G-E Levelock switch boxes feature a new design that makes installation easier and speedier.



G-E traffic-control cable and railway signal cable help to provide safety on highways and on railroads.

^{*}Registered Trade-mark of the General Electric Company



Pumps & Compressors

INDUSTRIAL types and sizes from ¼-200 horsepower.

S. A. RHODES

205 Main St. Cromwell, Conn. Telephone: Middletown 6-7428

Twenthieth year as
WORTHINGTON DISTRIBUTOR

HARTFORD

pecial

the best boy in the bog res

AUTOMATIC DRILLING & TAPPING

MACHINES

AUTOMATIC THREAD ROLLERS

"SUPER - SPACERS"

DIE POLISHING MACHINES

General Contract Machine Work

THE HARTFORD SPECIAL MACHINERY CO. HARTFORD 12 CONNECTICUT

JOHN W. NICKERSON

Consultant In
MANAGEMENT ENGINEERING

Advice On

- LABOR RELATIONS
- WAGE INCENTIVES
- JOB EVALUATION
- MERIT RATING

46 MOUNTAIN VIEW DRIVE WEST HARTFORD

TEL. HARTFORD 32-6665

ment by Philip D. Wagoner, chairman of the board.

Mr. Lentz joined the Elliot-Fisher Company in 1918 as service manager in Harrisburg, Pennsylvania, and was advanced to vice president of that company in 1923. When that firm and Underwood were consolidated in 1928, Mr. Lentz was transferred to New York and has served as a vice president of Underwood Corporation since 1931. He was educated at Pratt Institute and Brooklyn Polytechnic Institute.

Mr. Sammis, who joined Underwood in 1935 in Bridgeport, served as works manager there until 1947 when he was appointed vice president in charge of the company's Hartford works. In 1950 he was transferred to the engineering and manufacturing department at the company's executive offices in New York.

A mechanical engineering graduate of the Sheffield Scientific School, Yale University, Mr. Sammis served as an officer with the Army Engineer Corps in the first World War.



STANLEY TOOLS, New Britain, has announced a new builders' and roofers' specialized tool, the No. 1995 Carbide Tipped Blade, for use with the Stanley No. 199 Knife, offering faster, cleaner score-cutting of mineral surfaced roofing and siding materials.



FOR BUILDERS and roofers, this carbide tipped blade promises greater efficiency.

The new blade is said to approach diamond hardness for long-life cutting. Used singly in a traimming knife, the carbide tipped blade scores mineral surfaced roofing and siding, asbestos cement flat sheets and shingles, corrugated asbestos cement roofing and siding and roofing materials.

* * *

ANNOUNCEMENT HAS BEEN MADE by Uarco, Inc., manufacturers

THOMAS W. HALL COMPANY

INCORPORATED

Stamford, Connecticut



Printing, Newspaper

Lithographing Machinery

Paper Converting Equipment

Job Presses, Galleys &

Cabinets

Proof Presses, Balers, Cutters

WHAT CONNECTICUT MAKES MAKES CONNECTICUT

Manufacturers of DRY PRESS (STANDARD ITEMS)

FIRE BRICK SPECIAL SHAPES

(MUD PRESS)

IN ANY SHAPE OR QUALITY DESIRED

Je.

THE HOWARD COMPANY

250 Boulevard, New Haven, Conn.

THE HENRY SOUTHER ENGINEERING CO.

Engineering & Chemical
Service

Water Purification

Industrial Waste Disposal

Research Facilities for Industry

Hartford.

Conn.

of business forms for industry, of the appointment of J. N. Friedman to be manager of the Eastern Division plant at Deep River. He succeeds Gregson L. Barker, who was recently elected executive vice president, with headquarters in Chicago.



ALBERT A. LaPOINTE, vice president of the LaPointe-Plascomold Corporation, Windsor Locks, died recently at his home in West Hartford.

The inventor of the Silent Glow oil burner, Mr. LaPointe was an inventor and industrialist in the Hartford area most of his life. He was one of the founders of the LaPointe Engineering Company of Unionville, in 1940. Later the company entered the plastics and television fields under the LaPointe-Plascomold name. It moved to Windsor Locks about a year ago.

He invented, among other things, a two-wheeler motorcycle in which the motor was encased in the front axle. He also made many contributions to oil burner design and production.

He is survived by his wife, three sons and four daughters.



HENRY S. BEERS of West Hartford, and Fredrick H. Waterhouse of Bristol, were reappointed by Governor Lodge to the Advisory Council for the Unemployment Compensation Act. Their new terms run for three years.

Mr. Beers, a member of the State Retirement Commission, is vice president of the Ætna Life Insurance Company. Mr. Waterhouse is counsel for the Manufacturers Association of Connecticut.



A NEW U. S. LABOR DEPART-MENT survey shows that Connecticut remains the only tight labor area in New England, with Greater Hartford one of only six labor shortage areas in the country. Like Hartford, most of the other sections in need of more defense workers are aircraft centers.

Elsewhere, according to the report, although employment has increased and still is expanding, there are "serious" unemployment problems. Six of 16 "substantial" labor surplus areas are in Massachusetts. Connecticut has none at all. Listed as having "balanced" labor supplies are New Britain, Waterbury, New Haven, Stamford-Norwalk and Bridgeport.

This is what we mean by



of boilers and transformers where height might make transportation over highways difficult and even impossible.

The bottom of the I-Beams is

eight inches above ground. The end of each I-Beam is supported by four wheels in the rear. This trailer has a capacity of 50 tons.



CALLON ROGER SHERMAN FOR

- . STEEL ERECTION
- HAULING
- · RIGGING
- CRANE RENTAL

ROGER SHERMAN

TRANSFER COMPANY, INC.

469 Connecticut Boulevard, E. Hartford, Conn.

Telephone

HARTFORD 8-4106 NEW HAVEN 6-1368 SPRINGFIELD 6-4177 ALBANY, N. Y. 3-3107





LEADING CONNECTICUT COMPANIES CHOOSE BARNEY'S OF HARTFORD FOR OFFICE FURNITURE & SHOP EQUIPMENT



Cro-Plate Inc. of Hartford says, "Barney's has everything we need in fine furniture and shop equipment . . . as well as excellent service and prices that are right."

Our Representative Will Call Without Obligation



EVERYTHING BUT THE SECRETARY! 450 Front St. Phone 7-8129 Est. 1930 POWDRELL & ALEXANDER, INC., Danielson, has announced that it will discontinue box loom weaving at its Danielson plants as present contracts expire. Box loom curtain fabrics will

expire. Box loom curtain fabrics will be produced by Gosnold Mills Corporation, New Bedford, a subsidiary company.

Other operations of the company in Danielson are unaffected by the change. The weaving of dress goods, shirtings, curtain materials and other Draper loom fabrics will carry on without interruption.



FORBES SARGENT, president of Sargent & Company, New Haven, has announced that arrangements have been completed with the Peterboro Lock Manufacturing Company, Ltd., of Peterboro, Canada, to permit the Canadian firm to manufacture the complete "4500" line of locks in its plant.

The "4500" line key-in-knob lock series was designed and engineered by Sargent & Company and introduced to the American market two and one-half years ago.

When the tooling and necessary preparatory work to manufacturing are completed the Peterboro Company, one of Canada's leading hardware manufacturers, will offer the "4500" line, complete in all finish and function, to the Canadian trade. Samples of the line will be on exhibit at the Canadian Hardware Show in Montreal and at the Retail Hardware Convention in Toronto this month.

AN IMPORTANT MILESTONE in helicopter history has been announced by the Navy Bureau of Aeronautics in its disclosure that Kaman Aircraft, of Windsor Locks, has just conducted the initial flight of the world's first turborotor helicopter.

Operating under a Navy contract, Kaman has installed a 175 horsepower Boeing Gas turbine in a Navy K-225 helicopter to conduct a series of flight tests of the new powerplant. The turbine installation is similar to a turboprop installation in an airplane in that the turbine's exhaust is transformed into mechanical power to the rotors.

Manufactured by the Boeing Airplane Company of Seattle, Washington, the gas turbine has been undergoing tests in land and water vehicles for sometime. This is the first application of the turbine in a helicopter.

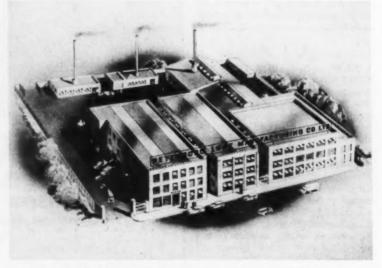


A NEW INDUSTRY will soon get underway in Rockville, at the site of the Graystone mill at the former New England Mill yards.

The company is The Linatex Corporation of America, which will manufacture rubber used in centrifugal pumps, grinding machines, valves, tanks, pipe lines, mines, quarries, and many other articles. J. Steward Cowhey will be in charge of the operations of the firm.



FOUR EMPLOYEES of the Mallory Hat Company, Danbury, whose com-



THIS CANADIAN PLANT will produce Sargent & Company's "4500" line.

FOR SCHOOLS, INSTITUTIONS AND PUBLIC BUILDINGS



Wide-flaring ends increase sweeping surface, reach dirt in corners and along the baseboards. Pitch-set by hand. Combinations of Nylon and horeshair, also Nylon, horsehair, and fiber for moving sand and heavier soil. Long, flexible trim of material.

FOR LIGHT



Staple-set by machine—horsehair and fiber centers, outside row all horsehair. For heavier soil all fiber centers with horsehair outside row to insure a clean sweep.

FOR ROUGH SWEEPING



Inexpensive floor brushes for use on concrete and rough floors where metal chips and heavier refuse have to be swept. Made in a variety of long-wearing, water and oil resistant fibers.

FULLERGRIPT FLOOR BRUSHES



Brush material permanently held in steel backing. Cannot shed. Open back—easy to clean.



FULLER FLOOR BRUSHES CUT COSTS BY CUTTING STROKES

With labor costs running as high as \$1.25 an hour for maintenance men, the cleaning tools you put in their hands become mighty important. Supply them with Fuller Floor Brushes and cut your maintenance costs. Let one stroke do the work that formerly required two or three. With Fuller Floor Brushes you get a clean sweep with every stroke, no backtracking. You'll find a size and type to meet your every need.

All floor brushes regularly stocked in widths from 12" to 36". For specifications on complete line of Fuller Floor Brushes write to At home ... in business, too



THE FULLER BRUSH COMPANY, 3616 MAIN ST., HARTFORD 2, CONN.

Book values are not insurable values

• Reliance on book values for fire insurance coverage is misleading and dangerous.

Actual cash values provably established and perpetuated by Continuous American Appraisal Service provide the basis for coverage, rerating, and proof of loss.

The AMERICAN APPRAISAL



A Company

Over Fifty Years of Service

OFFICES IN PRINCIPAL CITIES

AIR IMPELLERS
for heating, cooling and
ventilating equipment

SPRING COILERS
for makers of precision
springs used by industry

AUXILIARY MILL
EQUIPMENT
for processing ferrous
and non-ferrous metals

THE TORRINGTON
MANUFACTURING COMPANY
TORRINGTON CONNECTICUT

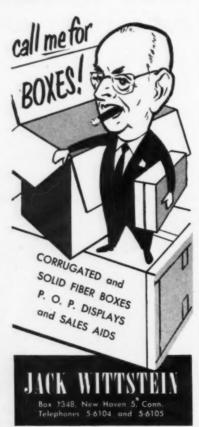
bined service with the firm totals more than 214 years, were honored recently in a ceremony at the plant. W. Cranston Brewer, general manager, presented each with an inscribed gold wrist watch.

The four employees honored were John H. Starr, who has been with the company for over 61 years; Benjamin B. Peck, who joined the company 53 years ago; Howard C. Richardson, who has been with the company for 50 years; and Emil J. Popke, who has also served the hat company for more than a half century.



A PROGRESS EXPOSITION showing products of the Bridgeport Brass Company since its founding in 1865 opened on January 14 in the company's East Main Street clubhouse.

Herman W. Steinkraus, president, said no closing date has been set because the show will be kept open as long as necessary to give every member of the company and his family a chance to attend.



The exposition features not only the Brass company's products, but also those which customers manufacture from brass and copper from the plant. Philip Davidson, advertising manager, is in charge of the exposition. Featured are murals by Ralph L. Boyer, a member of the advertising staff, depicting the number of "firsts" the company has developed since its founding.



AT THE POSTPONED Annual Meeting of the Board of Directors, originally scheduled for December 18, but held January 3, 1952, at the Hartford Club, the present officers of the Association were re-elected to serve during 1952.

The men re-elected are: For president, Alfred V. Bodine, president, The Bodine Corporation, Bridgeport; vice presidents, E. B. Shaw, general manager, New England Division, American Thread Company, Willimantic; and Albert S. Redway, president, American Paper Goods Co., Kensington; treasurer, John Coolidge, president and treasurer, The Connecticut Manifold Forms Co., West Hartford.

N. W. Ford and L. M. Bingham continue to serve in their appointive offices as executive vice president and secretary, respectively.

We Are Fighting the Wrong War

(Continued from page 14)

Schnörkel submarines and shore-based aircraft can surely cut the Mediterranean lifeline to African bases and make the high seas generally unhealthy. Thus airpower and the A-bomb, when used under such concepts, introduce no short cuts to victory but, on the contrary, impose greater burdens.

And this is but the beginning. Piled on these vast military expenditures are the added costs of Economic Aid. And these we cannot cut off without abandoning the policy. For we must admit that there is reasonableness in the attitudes of some Europeans who prefer to risk the terrors of Communism with its promises of "social" reform rather than suffer the horrors of "liberation" a la Americain, which can only add up to the same thing in the long run.

Thus, Mr. Churchill is said to be coming to America to obtain some

compensation for the privilege we seek to convert East Anglia into a front line staging area for our defenses. Similarly, the French are said to feel that we should pay for the privilege of converting their fruitful vineyards into potential battle grounds. These items piled on top of war production figures, naturally become a source of military weakness. "Unification" comes high indeed when it commits us to fighting the Wrong War.

For, in placing our sole dependence upon physical force, we neglect our greatest asset, spiritual strength. It has caused us to lose sight of the only purpose for which our government exists -liberty of individual action. As a result, a godless enemy has trapped us into defeating ourselves. In tricking us to support the disarmament chimera, he now has us shadow boxing in the wrong diplomatic war. Yet all the time we have held the key to the peace initiative in our own hands. By this I mean, renunciation of the use of A-bombs against civil populations and a demand for a return to the precept of international law which dictated confining the use of military weapons to military targets.

If, at first glance, this appears to be discarding an ace in the hole, a more penetrating look reveals that what we held was a dirty deuce. The time has therefore come to discard the whole hand and draw new cards. And in that very act we will have taken a decision which may permit us to pick up a pat royal straight flush.

Militarily, a sound basis for a new Army-Navy-Air Force doctrine founded on proven principles is afforded us by the new, guided-missile, Baby A-bomb development. Economically, we can now stop the waste induced by a bankrupt military concept. Politically, we can seize the peace initiative without having to negotiate with an enemy whose good faith is questionable and without facing the great risks inherent in disarmament. Morally, we can atone for Hiroshima and restore our moral leadership. Spiritually, we can banish the fear which paralyzes our natural allies and replace it with a spirit which will confound our godless enemies by lifting up the heart of the free world.

To break the grip of the military upon the civil government, the President should appoint a new Presidential Commission, composed of men of the highest integrity and direct them to formulate a national policy dedicated to the ideal that there shall be, under God, a rebirth of morality and freedom.

Art & Photograp

FOR SALES PROMOTION & AD

ILLUSTRATING . LETTERING . RETOUCHING LAYOUT . CATALOG AND BOOKLET DESIGN PRODUCT PHOTOGRAPHS AND COMMERCIAL PHOTOGRAPHY

Printing Pla

FOUR COLOR PROCESS

PHONE 2-0193 GRAPHIC ARTS 172 HIGH STREET HARTFORD, CONN.

SERVING CONNECTICUT INDUSTRIES SINCE 1904



DEPENDABLE . . . LOW COST . . . EFFICIENT INTERCOM SYSTEMS FOR THE

> OFFICE, PLANT, INTERBUILDING, RD or EMERGENCY SERVICES

- Avoid Switchboard Delays
- Handle Inside Calls Immediately
- Automatic, needs no operator. Knits your organization into a closer, smoother-running, more efficient unit.
- For emergency or Civilian Defense use in event of power failure.

18WH81(T) CLIP AND MAIL THIS COUPON TODAY ... _

WE'RE INTERESTED IN

Inter-office

Sound Paging Systems

to TEL-RAD COMPANY

Intercommunication and Sound Systems

274 Farmington Ave., Hartford 7, Conn. • Telephone: Hartford 5-0877

Address:

miller
phosphor
bronze
strips and rolls









ILLUMINATING DIVISION: Fluorescent, Incondescent, Mercury Lighting Equipment
MEATING PRODUCTS DIVISION: Domestic Qil Burners and Liquid Fuel Devices
ROLLING MILL DIVISION: Phosphor Branze and Brans in Strips and Rolls

typical product fabricated from



miller phosphor bronze

New Haven Holds Second Round of Plant-School Tours

(Continued from page 14)

tional guidance teachers have been set up. At these meetings, guidance counselors will be brought up to date on present and future job opportunities, while the personnel managers will be given a real insight into the type of instruction being carried on in the school systems and the caliber of students who will become future job applicants.

The superintendents and the Association have announced May 6 as the date for the third Business-Industry-Education Day, when it is expected that 1700 teachers will visit some 80 industrial and business concerns.

The H. B. Ives Co.

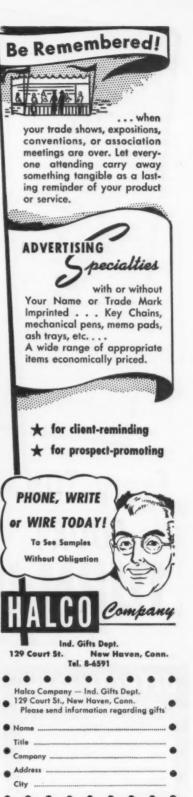
(Continued from page 7)

five years of its existence. Father and son teams are an everyday occurrence among Ives workers. Skilled Ives craftsmen, many of whom have been actively employed by the firm for over a quarter century, have acquired an industry-wide reputation of "jewelers of the hardware industry."

The present officers of the company are: Mr. Hobart J. Hendrick, President; John B. Morse, Jr., Vice-President and Sales Manager; Donald G. Brooks, Treasurer and Purchasing Agent; George W. Bradley, Secretary; and Dwight H. Keeler, Superintendent.



AT ALL THE COOPERATING schools the visitors were guests at luncheon. A typical luncheon table is shown at the Ridge Road School in North Haven. (Below) Superintendent of Schools for East Haven, William E. Gillis, shows a group of visitors drawings and sketches produced in the art class.







DISASTER

Every TON-Every Last POUND Counts

LOOK! DIG! COLLECT! SELL!

TURN IN SCRAP NOW!

In Cooperation With The Steel Industry Scrap Mobilization Committee

DETROIT STEEL

PRODUCERS OF

Coko and Coal Chemicals - Pig Iron - Ingots Slabs - Sheet Bars - Billets - Wire Rods Manufacturers' Wire - Merchant Wire Products Welded Fabric - Cold Rolled Strip Steel

GENERAL OFFICES
DETROIT 9, MICHIGAN

RELIANCE STEEL DIVISION

Processors and Distributors JOB-FITTED Sheet and Strip Steel

GENERAL OFFICES — BOX 4308 — PORTER STATION, DETROIT 9, MICHIGAN PLANTS

CLEVELAND PLANT, 3344 E. 80th St., VUIcan 3-3600, Cleveland 27. O. DETROIT PLANT, 13770 Joy Road, WEbster 3-5866, Detroit 28, Mich. EASTERN PLANT, State & Edmund Sts. (Hamden), New Haven 7-5781, New Haven 7, Conn. MIDWEST PLANT, 1601 South Wolcott Ave., CAnal 6-2442, Chicago 8, III.

OFFICES

DAYTOH, 01110, 129 W. Serond St., Michigan 1981 DETROIT 21, MICH., 12779 Joy Rood, Wickers 7-5808 GRAND RAPIDS 2, MICH., 1276 Keeben Bidg., Giamdale 6-8000 HIDIAMAPOLIS 4, IND., 1486 Flotcher Trust Bidg., Finankin 3429 JACKSON 11, MICH., 607 Reynolds Bidg., JACKSON 7-2526 MILWANIEET 10, WIS 4822 W. Couler 23, 441 Bidg. 7-8040 MEW YORK 19, N. Y., 258 West 57th 31, COlumbus 5-6870 ROCHESTER 4, N. Y., 5 St. Paul St., Bábar 1061 ST. LOUIS 6, MO., 4953 Lindell Blvd., LUcas 4580 TOLEDO 4, OHIO, 2714 Ohio Bidg., Garfield 4384 WORCESTER 2, MASS. 32 Mais 32, WOCKSTER 5-8888



INDUSTRIAL DEVELOPMENT

By L. M. BINGHAM
Secretary

We Evaluate Some Education Programs

→HE HOBSO PROGRAM. The so-called HOBSO (How Our Business System Operates) Visual Economics Program, developed by the du Pont Corporation, and promoted by the NAM, in cooperation with the MAC and New Haven and Bridgeport Manufacturers Associations, has been put to the test in some 16 Connecticut plants during the past nine months. Judging from the responses we have received from a dozen of these companies who have either exposed their supervisors, or their supervisors and all or a large portion of their employees to the three one and onehalf hour slap-board type sessions, this training in the fundamentals of the American economic system has been well rated by management and the workers themselves. While only one company proved the value of the program by means of a percentage comparison of right answers in "before" and "after" type questionnaires, the apparent enthusiasm for economic knowledge, on the part of employees, generated by the program, and the potential new leadership discovered as a result of it, combined to give the entire experiment in economic education a strong odor of success.

A few pertinent comments by personnel and other officials who have evaluated the program are:

1. "When given on a conference basis the group usually comes up with the right answers to key questions. It is reassuring to know that this kind of thinking is going on. If this program, or others like it, were given wide enough dissemination, I believe there would be substantial benefit for the economy as a whole."

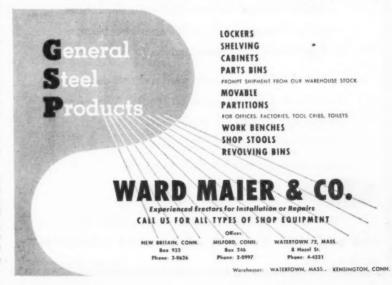
- 2. "This program, as far as we have used the same up to the present time, in our judgment, has been very worthwhile."
- 3. "This is the best thing of its kind we have seen and we are quite enthusiastic about it. I am sure our employees have a better understanding of how our business system operates than they did before."
- 4. "It was enthusiastically received in all quarters as being one of the best informative programs ever developed."
- 5. "Employees 'before' scored an average of 54% and 'after' an average of 77%. From this and an analysis of individual answers to questions, both before and after, we are inclined to think that the program was definitely

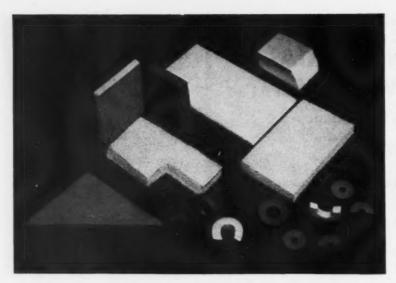
effective and that the expenditure was worthwhile."

6. "We are highly enthusiastic about the program. A by-product of the program we had not anticipated is that we have been able to discover potential new leadership talent through their display of alertness and reasoning powers at the several sessions."

RACK INFORMATION SERVICE— A Rack Information Service for employees, introduced to Connecticut manufacturers and other business organizations for the first time some nine months ago by the National Research Bureau of Chicago, is also considered beneficial as an educational medium, judging from the responses from 22 companies to an Association request for an evaluation sent to some 33 companies who began using the service prior to September 1, 1951. The company reports that there are now more than 50 companies using the Rack Information Service to make available a variety of good reading materials to employees on a voluntary basis. These reading materials include reprints of many articles, as well as original messages on a wide variety of subjects from health and home economics to taxes, socialism and communism. A few of the large number of topics which are furnished each month to company subscribers include helpful facts about home work shops, gardening, vacation suggestions, sports, and articles telling of all phases of our economic system.

Five new messages are sent to each subscriber for placing in the steel information racks at employee entrances each month. The majority of these





Where Would You Go For CELLULAR SILICONE RUBBER

IN MOLDED SHAPES AND DIE-CUT FORMS

At extremes of temperature, cellular silicone rubber is the best insulation against shock, vibration, sound and the passage of liquids, air and temperature.

And in *any* application, cellular silicone rubber costs less than mechanical silicone rubber because it weighs less . . . by more than half.

New booklet "Properties of and test data on Cellular Rubber" available on request. Write for your free copy today.

SPONGEX

The World's Largest Specialists in Cellular Rubber

THE SPONGE RUBBER PRODUCTS COMPANY

546 Derby Place

Shelton, Connecticut

articles and messages usually deal with non-controversial topics of interest and help to employees or members of their families, with the minority dealing with various phases of economics, thus avoiding the charge of any attempt to force propaganda upon employees. Company subscribers who disapprove of any articles or who have left-over messages at the end of each monthly period, may return them for credit to the company. The Rack Information Service, sold only to companies with 100 or more employees, is said to cost on the average of \$1.50 per employee per year-a nominal charge made possible through large printing

A few of the pertinent comments now in our files from some 22 Connecticut Association members who are subscribers to this service are:

 "We believe it is a valuable unit in an employee relations program in that it covers such a wide variety of subjects. We have found none of the material around the mill. It is apparently being taken home for reading."

2. "The reception by our employees has been very good. The racks have been pretty well cleaned out within the first few days of posting."

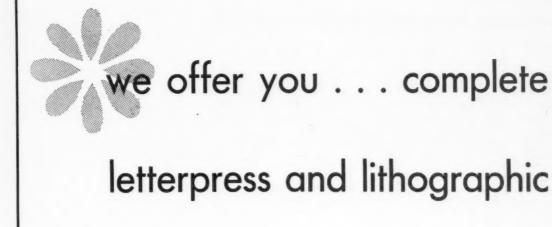
3. "We feel that this service has been a definite factor in morale building with the employees and that they are interested in it."

4. "While we have no definite information as to the effectiveness of the Rack Information Service, we find it seems very well patronized, is inexpensive, and we believe well worth the price."

The Threat of Red Sabotage

Much as we believe in the importance of setting up an adequate civil defense organization in every manufacturing plant to be ready for any eventuality, we believe that a program of internal security is equally, if not more, important. Since internal security programs are outlined by the Munitions Board as a "must" for companies with classified or secret contracts or sub-contracts, our real concern is the apparent lack of security measures being taken by suppliers of non-secret products like springs, tools, dies, jigs, fixtures, gages, die castings and other items without which our mass producers of war materials would soon be forced to shut down their operations. We recall that a brief shut-down of a small plant making a strategic part for

(Continued on page 56)



facilities

*Connecticut Printers

Case, Lockwood & Brainard Letterpress Division
FOUNDED 1836

Kellogg & Bulkeley Lithographic Division FOUNDED 1832



INDUSTRIAL Relations — Law

By FREDRICK H. WATERHOUSE Counsel

ARTICLE VIII of the Amendments to the Constitution of the United States provides, "Excessive bail shall not be required, nor excessive fines imposed, nor cruel or unusual punishments inflicted." How the present United States Supreme Court would interpret this article with respect to the disallowance of wages or salaries as an item of expense if such wages or salaries have been increased in apparent violation of the Wage and Salary Stabilization Regulations poses a very interesting question.

Section 405b of the Defense Production Act of 1950 provides, in part, that "The President shall also prescribe the extent to which any wage, salary or compensation payment made in contravention of any such regulation or order shall be disregarded by the executive departments and other governmental agencies in determining the costs or expenses of any employer for the purposes of any other law or regulation." Under this provision, machinery has been established and powers delegated by the President for the disallowance for

tax purposes of the total amount of wages or salaries paid if any part, however negligible, has been paid in violation of the wage or salary rules or regulations, and regardless of how innocently done. Thus, we have a situation in which there has been delegated to the executive authority a discretion for the imposition of fines and forfeitures far in excess of any ever delegated to the judiciary.

By contrast, we find that the maximum penalties permitted to be imposed by the courts are \$10,000 fine or imprisonment for not more than one year, or both, and these are further confined to situations in which the person "wilfully violates" the act.

The disallowance for tax purposes and thus the requirement that large sums be paid the government in additional taxes would appear to be as truly a fine as if imposed by a court. Surely, the net effect is the same.

This delegation to the executive of the power to levy fines for the violation of vacillating rules and regulations of that very executive agency needs further consideration and rejection. It is a well-accepted principle of law that laws declaring certain actions as crimes and punishable as such must be sufficiently definite to appraise the public of what exactly is forbidden. The courts have quite properly frowned upon statutes which define crimes in vague and indefinite terms.

In contrast to that principle, we find the following set of circumstances. Congress has delegated to the executive authority to issue rules and regulations restricting wage and salary increases. Those rules and regulations are changed at will by executive boards, and we all know they have been changed and revised and re-revised in a most confusing manner. Employees of that same executive board issue conflicting interpretations daily, revoke some and issue more. This can hardly be said to comply with the general principle of law requiring definiteness in criminal laws. Yet that same executive agency can impose fines totalling the taxes on an employer's complete annual payroll for an unintentional and minor violation. And this penalty may be imposed even though the employer had a written opinion from an employee of that executive board that his actions were in compliance with its requirements.

It should be clear to any judicial tribunal, and especially the United States Supreme Court, that we now have a law permitting excessive fines, not by the judiciary but by the executive, for the innocent violation of rules and regulations which defy exact interpretation. Government by fear should be declared unconstitutional.

The Constitutional right to trial by jury is another subject.

WESTCOTT & MAPES

INCORPORATED

NEW HAVEN

CONNECTICUT

ARCHITECTS VALUATIONS ENGINEERS

STUDIES REPORTS DESIGN SUPERVISION

UTILITIES . INDUSTRIAL PLANTS . INSTITUTIONS . SCHOOLS . PUBLIC WORKS



The words he spoke then... hold the wisdom to guide us now

"Property is the fruit of labor; property is desirable; it is a positive good in the world. That some should be rich shows that others may become rich, and hence is just encouragement to industry and enterprise.

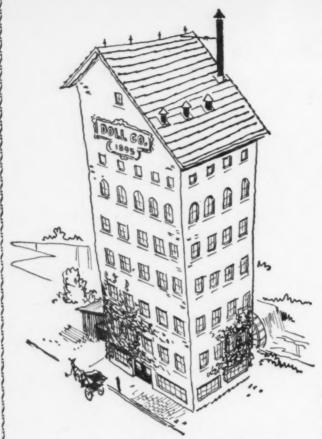
"Let not him who is houseless pull down the house of another, but let him work diligently and build one for himself, thus by example assuring that his own shall be safe from violence when built."

Lincoln had a direct way of getting to the truth—with words just as applicable today as when he uttered them. Those who create wealth create prosperity for others by rewarding them in proportion to their efforts. This can only be done if these creators of wealth are allowed to function properly, unhampered by too many foolish or needless restrictions.

Hethr E. Dituars President



The Gray Manufacturing Company, Hartford, Connecticut
makers of the Audograph Electronic Soundwriter





IT'S AN OLD NEW ENGLAND CUSTOM

They built factories tall in your Grandaddy's day. Multi-story buildings were customary in those days, and power for machines was trans-

mitted by belts which ran vertically between floors. Men ran between floors, too, carrying heavy loads.

Although today's materials handling problems are simplified in single story factories, electricity has made great improvements possible in the old multi-story buildings. Now, electrically driven mechanical equipment moves materials and saves manpower for more skilled work.

There's a New England custom called ingenuity. Modern electric methods make the multi-story factories nearly as practical as new single story plants. And good materials handling can frequently save the cost of a new building.

Call the power engineer from your Connecticut electric utility for help on your own materials handling problems. His service is yours for the asking.

YOUR ELECTRIC COMPANY

The Connecticut Light and Power Company
The Connecticut Power Company

The Hartford Electric Light Company
The United Illuminating Company

ACCOUNTING HINTS

Contributed by the Hartford Chapter National Association of Cost Accountants to stimulate the use of better accounting techniques in industry.

Allocating Charges for Preventive Maintenance

T HAS been the practice of many cost accountants to allocate the maintenance cost on certain pieces of equipment by either of two methods:

- (1) On the horsepower or size of the equipment, or
- (2) Direct labor hours or dollars, whichever is used in the general costing. Such practice is very often wholly inaccurate and misleading.

After extensive time studies of preventive maintenance crews for large pieces of equipment, it was found that a considerable factor in the maintenance cost was the fear of the severity of the effect of lost time due to mechanical failures and resulting loss of production which would have a serious effect on sales schedules. As a result, maintenance crews were maintained solely for the purpose of minutely inspecting and repairing such equipment, in order that it might be able to operate on the next "on" shift without any lost time in

production hours. Obviously, the allocating of maintenance cost on either of the two factors mentioned above would not reflect this condition.

As an example, it was found that in two identical production departments where five cranes were necessary for the full utilization of all man-hours, considerably more maintenance time was consumed by one department than the other. One department had five cranes and the other had six. The department which had five cranes used a maintenance crew for the full eight hours on the "off" shift to go over every inch of the cranes in order to catch any defects or repairs which might mean a breakdown and the loss of production hours. The department which had six cranes merely used a maintenance crew for routine inspections and for a small part of an eight-hour shift. The sixth crane was kept in reserve in case one of the other five cranes should need maintenance. However, both departments were charged with preventive mainte-

nance on direct productive hours used in the operations, which resulted in an equal charge.

With respect to the use of horsepower for the basis of allocating maintenance costs, it was again found that such a method was very inaccurate. It was found that the controls on electric . motors and equipment required more maintenance than the motors for which the controls were used. It was demonstrated that a ten-horsepower constant speed motor required only twenty per cent as much maintenance as a tenhorsepower variable speed motor. Therefore, rated horsepower turned out to be a very misleading basis for determining the maintenance cost of the two motors as both motors were charged with the same amount of expense.

It behooves all of us to examine our basis for allocating maintenance costs to see if the problem is approached in a practical manner rather than to continue to accept an arbitrary method in use.

Specializing in Industrial and Commercial Accounts

INSURANCE CONTROL

163 Asylum St., 7-8291 Hartford 3, Conn.



BUSINESS PATTERN

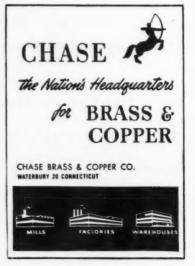
A comprehensive summary of the ups and downs of industrial activity in Connecticut for the thirty day period ending on the 15th day of the second previous month.

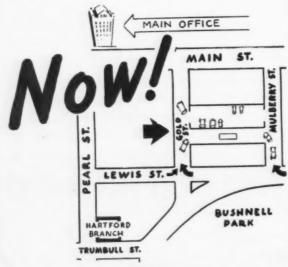
N November, the index of general business activity in Connecticut declined for the fourth consecutive month to an estimated 25% above normal. The index is now at about the same level that obtained at the beginning of this year although in the interim it had risen to +38%. The noticeable increase which occurred during the months of May, June and July was due in part to the fact that because of the war situation industry was running ahead of the usual seasonal pattern for that period. This advance was canceled out in succeeding months as manufacturing activity came more into line with seasonal expectations. Also,

during 1951 industry in this state has been in the transition process of adjusting its manufacturing operations toward greater production for military purposes with consequent curtailment in output for civilian consumption. It has become evident in recent months that cutbacks in civilian manufacturing have not as yet been fully offset by the defense production program. The United States index of industrial activity has followed a similar pattern, although at an estimated 12% above normal in November it is somewhat below the standing at the beginning of the year.

The index of employment in Connecticut factories declined in November to an estimated 18% above normal. The present standing is five points higher than both the beginning of this year and the corresponding month of last year.

The U.S. Bureau of the Census has





Pick up your PAYROLL at DOWNTOWN HARTFORD'S

FIRST DRIVE-IN BANK

Between Gold and Mulberry Streets

Just call our Main Office the day before to make arrangements... and then, at the appointed time, enter the Drive-in Bank and get your payroll in less time than it takes to tell it. Use the Drive-in Bank, too, for cashing checks, making deposits, and 30-minute free parking when you have business at our Hartford Offices. This service is for automobile customers only.

HARTFORD-CONN. TRUST CO.

760 MAIN STREET, HARTFORD

just released a preliminary report on manufacturing establishments in the New England States, based on the "1950 Annual Survey of Manufactures." The report shows that Connecticut ranked second to Massachusetts in terms of total manufacturing employment, and total salaries and wages. On a per capita basis, however, this state was well ahead of all the other New England States for these items. The following table presents certain manufacturing statistics for the New England States in 1950:

In November, the index of man-hours worked in Connecticut factories fell off to an estimated 39% above normal. Although the current index is now four percentage points below the 1951 high reached in July it is about eleven points above the standing at the beginning of the year. Average hours worked per week by manufacturing production workers increased in November to 42.4 from 42.0 in October, according to the State Department of Labor report. At the same time average weekly earnings advanced to \$68.60 from \$67.22 in the

preceding month and basic hourly earnings rose to \$1.57 from \$1.56 in October.

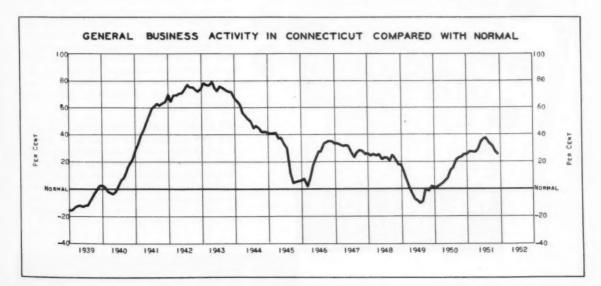
A recent report by the State Bank Commissioner indicates that Connecticut people are saving more money this year. Deposits in the seventy-two savings banks and fifty-five state bank and trust companies which are under the supervision of the State Banking Department increased somewhat between January 1 and October 10, 1951. Total deposits in the savings banks reached \$1,380,000,000 by October 10, a gain of 3% since the beginning of the year. Deposits in the savings departments of the commercial banks rose to nearly \$240,000,000, a growth of about 4% so far this year.

Prices have followed an upward trend during the last two years with sharp increases occurring between April 1950 and March 1951 and gradual changes since then. The wholesale commodity index started climbing in May 1950 and continued the upward swing through March 1951 when a position 21% above the January 1950 base was reached. After March the index decreased moderately until October when a slight advance was registered to place the commodity index at +18%. The consumers' price index has been trending upward since early in 1950. The increase was particularly noticeable between April of last year and February of this year. Following that period the index tended to level off until September and October when there was a further advance to 11% above the January 1950 base.

	Total Manufacturing Employment		
State	Average Number for Year	Total Salaries and Wages	
Massachusetts	. 683,801	\$2,118,870,000	
Connecticut	365,982	1,220,085,000	
Rhode Island	133,479	385,296,000	
Maine	106,496	277,079,000	
New Hampshire	80,424	212,458,000	
Vermont		115,824,000	
New England	1,410,809	\$4,329,612,000	

A further breakdown of the Connecticut figures shows that 1950 totals for some of the major industrial groups were as follows:

	Total Manufacturing Employment	
Industry Group	Average Number for Year	Total Salaries and Wages
Machinery (except electrical)	60,833	\$222,748,000
Fabricated metal products	53,389	175,136,000
Textile mill products		122,563,000
Primary metal		115,756,000
Electrical machinery		93,965,000
Transportation equipment		91,941,000
Instruments, etc.		48,846,000
Rubber products	13,956	42,816,000



DO YOU KNOW ... that almost

every automatic machine

LOSES ONE HOUR

of productive time

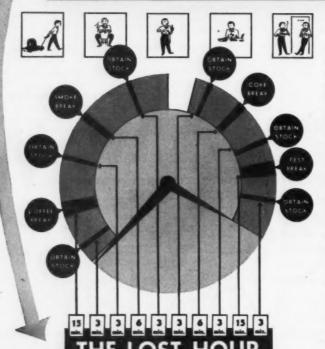
each day?

SAVE

the LOST HOUR

and increase production 121/2 to 22% with

PROTECTRON



OF PRODUCTION
DURING A TYPICAL WORKDAY

IT'S A FACT! The time lost while operators leave their machines for morning and afternoon "breaks" and to procure and ready new stock mounts up littleby-little until it reaches at least an hour by the end of the day. That's the LOST HOUR . . . the hour during which your investment in plant and equipment produces absolutely nothing. But you can reclaim the LOST HOUR. Scores of PRO-TECTRON users have discovered that as PROTECTRON monitors . . . machines continue to run, even when unattended. The LOST HOUR becomes a productive hour with an increase in output of 121/2% to 22%. It's like getting nine hours worth of production from an eight hour shift.

IT'S A FACT! PROTECTRON also reduces tool and die breakage as much as 86%

Saves 300% in manpower, since one man can safely operate four machines, thus releasing three men for other work

No other device can save your plant so much money . . . so quickly . . . at so little cost Prove it to yourself. Write for all the facts . . . today.



BUSINESS TIPS

from

School of Business Administration University of Connecticut

The Case for Organization Manuals

By LAWRENCE L. PARRISH, Associate Professor of Industry

OST businessmen are fully aware of the fact that efficient production involves coordination or teamwork and that teamwork involves intelligent and willing cooperation among members of a business enterprise. But, teamwork, cooperation and coordination do not develop spontaneously among members of a group even though they may all recognize the importance of acting in concert and be entirely willing to do so. Coordination of the many diverse and interrelated parts of the typical modern enterprise requires the establishment of plans and the creation of an organization structure within which people can work in the pursuit of the goals set forth in the plans. This organization structure consists of positions, each of which has certain duties and also involves relationships with other positions in terms of responsibility and authority.

Through this structure management attempts to secure coordination by direction and control. However, real teamwork cannot be imposed from above; it must arise among the members of the group. They, however, cannot coordinate their activities with greatest effectiveness unless each knows the duties of his position and those of others, at least where they border on his own job. Likewise, when considering relationships, it is important for an individual to know his own authority and responsibility, but equally necessary for him to be aware of the authority and responsibility of others.

It will be seen that a problem in communication is involved here. The organization planner may do an adequate job of defining all positions in terms of duties and relationships, but if he fails to communicate this information to all members of the group his plans are useless. Traditionally, this information has been passed on by word-of-mouth as a phase of the training of each new employee, whether at the executive or worker level. Too many members of management have had a brief introduction to their jobs by their new superior, who then left them to discover the full extent of their duties and the exact nature of their relationships in whatever way they could. No won-

der that a man will often state that it took him months (or even years) to "get his feet on the ground" or to find out where he stood in a new job. If all members of a management group are given only a partial definition of the duties and relationships of their own positions (and no picture of other positions) and left to fill them out themselves, it is not surprising that friction, conflict, and hard feelings, rather than smooth coordination, result.

Suppose, however, that the superior attempts to convey this information fully and carefully, but still by the spoken word. Will results be satisfactory? Undoubtedly they will be better, but the chances are that they will be far from perfect. For one thing, the duties and relationships of the various positions are often too complex to be thought through and defined successfully without the discipline involved in writing things down. Therefore, the information to be communicated is weak to start with. Next, the superior may not be an effective teacher; he may fail to put across even the information which is available. Finally, even though the superior may succeed in giving the new subordinate a complete picture of his duties and relationships, it is likely



to be so complex and voluminous that only part of it can be retained. With no written reference to return to for later review, the subordinate fails to get the complete picture of his job. His ability to coordinate with others is reduced, and to the extent that all members of the group have incomplete or erroneous knowledge of their duties and relationships (and those of others) coordination throughout the enterprise becomes more difficult.

Organization charts may be of some help in conveying the desired information to all members of a management group. However, the typical chart is of very limited usefulness. In the first place, it tells practically nothing about the duties of a position. Whatever job content comes to mind when one reads the title of a position on a chart comes from somewhere outside the chart, not from the chart itself. In the second place, it tells only a limited part of the story on relationships. True, it gives a picture of the direct superior-subordinate relationships throughout the structure, but the much more troublesome and complex relationships of the specialists (the so-called "staff") to the rest of the organizational components are not revealed. Perhaps the reader of the chart has a mental picture of the relation of the inspection department (for example) to the producing departments, but that too has come from somewhere outside the chart.

If it is granted that the spoken word and the organization chart are both highly imperfect means of communicating vital information about jobs to the holders of those jobs, it should be obvious that a more effective method should be sought. The organization manual, although subject to weaknesses of its own, would appear to provide an answer. It consists of written word pictures of each position, presenting a complete outline of the duties and relationships in each case. Its advantages concern both the definition of duties and relationships and the communication of this information. The process of constructing the manual forces the organizer to give careful thought to the

problem of defining duties and relationships. Consultation with people affected develops a much fuller and more accurate picture of jobs and brings to light inconsistencies and misunderstandings. Moreover, communication is improved because all the material becomes part of the written record and is available for all to use. Thus the holder of a particular job learns more about his own position and also about other positions with which his work is coordinated. This wider and more effective dissemination of more accurate information about duties and relationships is almost certain to have beneficial results.

MYRON CLARK ASSOCIATES Management Consultants

Supervisory Development Programs

Park Square Building Bosto

Where there's to be done!

There's a WALLACE BARNES SPRING to do it! BRISTOL, CONN.

CONNECTICUT ADVERTISING SERVICES

A DESCRIPTION OF THE PRINCIPAL ADVERTISING SERVICES RENDERED BY LEADING ADVERTISING AGENCIES IN THE STATE

PAPER







Edward Graceman & Associates

Advertising • Sales Promotion • Public Relations
983 Main Street • Hartford, Conn.



Trade Paper and Consumer Advertising.
Public Relations Direct Mail . Catalogs.

A complete, competent personal agency service with branch offices in all key markets in the U.S.A.

11 ASYLUM ST. HARTFORD, CONN.



THE F. W. PRELLE COMPANY

Advertising

AMERICAN INDUSTRIAL BUILDING
HARTFORD, CONNECTICUT TELEPHONE: 7-3233

. PRODUCT LITERATURE . TRADE PUBLICITY .

Connecticut's fastest-growing advertising agency

Waterbury

ANOTHER SWEET ACCOUNT



m

T K

Waterbury Tool Division of Vickers, Inc.

Garden Tractors, Pumps

G. F. SWEET & CO., INC. - 3 Lewis St., Hartford - 5-3411

E. J. LUSH, INC.

SUCCESSIONS TO SECRET & LUCK INC.



* ADVERTISING * PUBLICITY
* SALES PROMOTION
* MERCHANDISING

207 Orange St.

6-4257

NEW HAVEN

This space is available to a Connecticut advertising agency

ASK FOR RATES

THE MANUFACTURERS
ASSOCIATION OF CONNECTICUT
436 CAPITOL AVENUE
HARTFORD

ARGUS ASSOCIATES (divertising

153 Court Street New Haven, Connecticut

Langeler ADVERTISING AGENCY, INC.

60 COLLEGE STREET, NEW HAVEN -:- TEL: 5-3674

7-5719

EDITOR'S NOTE: This department, giving a partial list of peace-time products manufactured in Connecticut by company, seeks to facilitate contacts between prospective purchasers in domestic or foreign markets and producers. It includes only those listings ordered by Connecticut producers. Interested buyers may secure further information by writing this department.

(Advertisement)

further information by writing this
Accounting Forms Baker-Goodyear Co The New Haven
Accounting Machines Underwood Corporation Bridgeport
Adding Machines Underwood Corporation Bridgeport
Advertising Specialties H C Cook Co The 32 Beaver St Ansonia
Halco Co Waterbury Companies Inc Aero Webbing Products
Kussell Mtg Co Middletown
Airline Manufacturing Company The Warehouse Point Spencer Turbine Co. The Hartford
Air Conditioning
Norwalk Airconditioning Corp The (forced air heating units oil fired) South Norwalk Air Impellers The Torrington Manufacturing Co Torrington
The Torrington Manufacturing Co Torrington
Sikorsky Aircraft Division United Aircraft Corporation (helicopters) Bridgeport Aircraft Accessories
Chandler Evans Division Niles-Bement-Pond
Co (jet engine accessories, aircraft carbu- retors, fuel pumps, water pumps and Protek plugs) West Hartford
Warren McArthur Corp (Airplane Seatings)
Gorn Electric Company Inc Stamford
Airport Department Pratt & Whitney Aircraft
Gorn Electric Company Inc Alrcraft—Repair & Overhaul Airport Department Pratt & Whitney Aircraft Division Rentschler Field East Hartford United Airports Div United Aircraft Corp Rentschler Field East Hartford
Wiremold Co The (Retractable) Air Heaters—Direct Fired Peabody Engineering Corporation Stamford
Peabody Engineering Corporation Stamford
Consolidated Industries Inc West Cheshire Eastern Malleable Iron Company The
Naugatuck
Charles Parker Company The West Haven Meriden
Charles Parker Company The Mest Haven Meriden Aluminum Forgings Consolidated Industries Inc West Cheshire Scovill Manufacturing Company Waterbury 91 Aluminum Ingots Lapides Metals Corp Aluminum Paint New Haven
Lapides Metals Common Paint New Haven
Aluminum Paste
Baer Brothers Stamford Aluminum-Sheets & Cells United Smelting & Aluminum Co Inc
Ammunition New Haven
Remington Arms Co Inc and Peters Cartridge
Olin Industries Inc New Haven
Conn Metal Finishing Co Hamden
Anodizing—Aluminum All Brite Chemical Co (also coloring) Oakville Anodizing Equipment
Anodizing Equipment Conn Metalcraft Inc New Haven Apparel Fabrics—Weolen & Worsted
Apparel Fabrics—Weelen & Wersted Broad Brook Company Artificial Leather Permatex Fabrics Corp The Asbestos Auburn Manufacturing Company The (gaakets.
Asbestos Auburn Manufacturing Company The (gaskets,
Auburn Manufacturing Company The (gaakets, packings, wicks) Middletown Raybestos Div of Raybestos-Manhattan Inc The (brake linings, clutch facings, sheet packing and wick) Bridgeport
Colt's Manufacturing Company Hartford
Greist Manufacturing Co The New Haven Han-Dee Spring and Manufacturing Co The (Small) Hartford
J H Sessions & Son Wallace Barnes Co The Div Associated Spring Corp Bristol
Wiremold Company The Hartford

department.	(Advertisement)
Automatic Control Instruments Bristol Co The (temperature, pressure, flow, humidity, time) Waterbury	Bends-Pipe or Tube National Pipe Bending Co The 160 River St New Haven
Automobile Accessories Kilborn-Sauer Company (lights and other acces-	Sorensen & Peters Inc Pawcatuck
Raybestos Div of Raybestos-Manhattan Inc The (brake lining, rivet brass, clutch facings, packing) Bridgeport	Bicycle Coaster Brakes New Departure Div General Motors Corp Bristol
Metropolitan Body Company Bridgeport	New Departure Div General Motors Corp Bristol
Russell Mfg Co The Middletown	Colonial Board Company Manchester
Automotive Parts Eis Manufacturing Co (Hydraulic and Me- chanical) Middletown	Biological Products Ernst Bischoff Company Inc Ivoryton
Autometive & Service Station Equipment Raybestos Div of Raybestos-Manhattan Inc The (brake service machinery) Bridgeport Scovill Manufacturing Company (Canned Oil Dispensers) Waterbury 91	Blacking Saits for Metals Enthone Inc Mitchell-Bradford Chemical Co Bridgeport Hlades
Automotive Tools Eis Manufacturing Company Middletown	Capewell Manufacturing Company Metal Saw Division (back saw and band saw) Hartford
Badges and Metals Waterbury Companies Inc Waterbury	General Electric Company Bridgeport
Bags-Paper American Paper Goods Company The	Bleaching, Dyeing, Printing & Finishing Glasgo Finishing Co The United States Finishing Company The (textile
Kensington Bakelite Moldings	tabrics) Norwich
Watertown Mfg Co The Watertown	Howard Company (cupola fire clay) New Haven Blower Fans
Abbott Ball Co The (steel bearing and burnishing) Hartford	Colonial Blower Company Plainville Spencer Turbine Co The Hartford
Hartford Steel Ball Co The (steel bearing and burnishing, brass, bronze, monel, stainless aluminum) Hartford	Blower Systems Colonial Blower Company Ripley Co Plainville Middletown
Kilian Steel Ball Corp The Hartford	Blueprints and Photostats
Farrel-Birmingham Company Inc Ansonia	Joseph Merritt & Co Hartford
Abbott Ball Co The (burnishing and tumbling)	Bigelow Co The Petroleum Heat & Power Co (domestic only) Stamford
Hartford Steel Ball Co The (tumbling) Hartford	Blake & Johnson Co The (nuts machine screw-
Conn Metalcraft Inc New Haven	bolts, stove) Clark Brothers Bolt Co O K Tool Co Inc The (T-Slot) Waterville Milldale Milldale
Autoyre Company The Charles Parker Co The Meriden	33 Hull St Shelton Bonderizing
Bath Tubs	Clairglow Mfg Company Portland Bottle Openers
Dextone Company New Haven	Scovill Mfg Co (steel, anodized aluminum) Waterbury
Bond Electric Corporation Division of Olin Industries Inc (flashlight, radio, hearing aid and others) New Haven	Lydall & Foulds Paper Co The National Folding Box Co Inc Robertson Paper Box Co Manchester New Haven Montville
Winchester Repeating Arms Co Division of Olin Industries Inc (flashlight, radio, hear- ing aid and others)	Robertson Paper Box Co Montville Gair Company Inc Robert Montville Boxes
Beads and Buttons Waterbury Companies Inc (metal) Waterbury	Airline Manufacturing Company (steel cash, bond, security and small boxes)
Fafnir Bearing Co. (ball) New Britain New Departure Div of General Motors (ball)	Clairglow Mfg Company (metal) Portland Connecticut Container Corporation New Haven
Norma-Hoffmann Bearings Corp (ball and stamford	Merriam Mfg Co (steel cash, bond, security, fitted tool and tackle boxes) Gair Company Inc Robert (corrugated and solid fibre shipping containers) Montville
Bellows Bridgeport Thermostat Company Inc (metallic) Bridgeport	Boxes and Crates City Lumber Co of Bridgeport Inc The
Bridgeport Thermostat Company Inc	Boxes—Paper—Folding Atlantic Carton Corp Bridgeport
Bridgeport Bellows Shaft Seal Assemblies Bridgeport Thermostat Company Inc	Bridgeport Paper Box Co Bridgeport Carpenter-Hayes Paper Box Co Inc The East Hampton
Beils Bridgeport	Folding Cartons Incorporated (paper, folding) Versailles
Bevin Brothers Mfg Co Gong Bell Co The N N Hill Brass Co The East Hampton East Hampton	M S Dowd Carton Co National Folding Box Co Inc (paper folding) New Haven
Belt Fasteners Bristol Company The Waterbury	Robertson Paper Box Co Gair Company Inc Robert Montville
Saling Manufacturing Company (patented self- aligning) Unionville	S Curtis & Sons Inc Sandy Hook Boxes—Paper—Setup
Hartford Belting Co Hartford	Box Shop Inc The New Haven
Hartford Belting Co Russell Mfg Co The Thames Belting Co The Norwich	Bridgeport Paper Box Co Heminway Corporation The Strouse Adler Company The Bridgeport Waterbury New Haven
	(Advt.)

Brake Cables Eis Manufacturing Co
Brake Linings
Raybestos Div of Raybestos-Manhattan Inc The
(automotive and industrial)
Bridgeport
Russell Mfg Co The
Middletown Middletown Bridgeport Middletown Russell Mfg Co The
Brake Service Parts
Eis Manufacturing Co
Brass & Bronze
American Brass Co The (sheet,
Waterbury tubes)
Bridgeport Brass Company (sheet, rod, wire
Bridgeport and tubing)
Bristol Brass Corp The (sheet, wire, rods) Chase Brass & Copper Co Waterbury Miller Company The (phosphor bronze and brass in sheets, strips, rolls) Meriden Plume & Atwood Mig Co The (sheet, wire, Plume a Thomasucard Thomasucard Scovill Manufacturing Company Waterbury 91
Tinsheet Metals Co The (sheets and rolls)
Waterbury Waterbury
Western Brass Mills Division of Olin Industries Inc (sheet, strip)
Brass & Bronze Ingot Metal
Plume & Atwood Mfg Co The
Whipple and Choate Company The Bridgeport
Brass, Bronze, Aluminum Castings
Charles Parker Company The
Guifford
Guifford Brass, Bronze, Aluminum
Charles Parker Company The
Victors Brass Foundry Inc
Brass Goods
American Brass Company The
Plume & Atwood Mig Co The (to order)
Waterbury
Waterbury
Waterbury
Response of the control of the co Rostand Mfg Co The (Ecclesiastical Wares)
Scovill Manufacturing Company (to order)
Waterbury 9: Western Brass Mills Division of Olin Industries Inc (to order)
Brass Mill Products
American Brass Coppany The
Bridgeport Brass Copper Co
Chause Brass & Copper Co
Plume & Atwood Mig Co The
Scovill Manufacturing Company Waterbury 91
Waterbury Bridgeport Waterbury 91
Waterbury Bridgeport Waterbury 91
Waterbury Bridgeport Waterbury 91
Thomaston Company Waterbury 91
Waterbury Bridgeport Waterbury 91
Waterbury Bridgeport Waterbury 91
Waterbury 92
Waterbury 92
Waterbury 92
Waterbury 92
Waterbury 92
Waterbury 92
Waterbury Bridgeport Waterbury 91
Waterbury 92
Waterbury 93
Waterbury 94
Waterbury 92
Waterbury 94
Waterbury 92
Waterbury 94
Waterbury 94
Waterbury 94
Waterbury 94
Waterbury 95
Waterbury 94
Waterbury 95
Waterbury 94
Waterbury 95
Waterbury 95
Waterbury 95
Waterbury 96
Waterbury 97
Waterbu Brass Scrap Whipple & Choate Company The Sprick-Building Donnelly Brick Co The Bricks-Fire Bridgeport New Britain Bricks—Fire
Howard Company
Mullite Refractories Co The
Bright Wire Goods
Sargent & Company (Screw F.
Hooks, Cup Hooks, Hooks and
Hooks) New Haven Shelton Screw Eyes, C H New Haven Hartford Special Machinery Co The Hartford Special Machinery Co The Hartford Bronze Scrap
Whipple & Choate Company The Bridgeport Baer Brothers
Brooms—Brushes
Fuller Brush Co The Stamford Hartford Buckles B Schwanda & Sons
G E Prentice Mfg Co The
Hatheway Mfg Co The (Dee Rings) Bridgeport
Hawie Mfg Co The
John M Russell Mfg Co Inc
North & Judd Manufacturing Co
Patent Button Co The
Buffing Compounds
Roberts Rouge Co The Manufacturing
Buffing & Polishing Compositions
Buffing & Polishing Compositions
Apothecaries Hall Co
Lea Mfg Co
Buffing Wheels Buffing Wheels
Williamsville Buff Div The Bullard Clark Company Danielson Burners
Atwood Mfg Co The (kerosene oil Waterbury Plume & lighting) Burners—Automatic
Peabody Engineering Corporation
Burners—Coal and Oil
Peabody Engineering Corporation Stamford (Com-Stamford bined) Burners-Gas Peabody Engineering Corporation (Blast Furnace) Burners—Gas and Oil Engineering Corporation Peabody (Com-Stamford bined) Burners-Refinery
Engineering Corporation (For Gas Peabody and Oil) Abbott Ball Co The (Burnishing Barrels Burnishing Media) Stamford Hartford

eti-

ets

ure

ent)

ven

tuck

istol

istol

ster

rton

port

Sav

port

rich

ven

ille

ille

YW D

ord

ord

lale

ton

and

пгу

ter

ille

sh,

int

ity.

ille

ort

ich

ton

g)

ille

ren t.)

g

Burs
Pratt & Whitney Div Niles-Bement-Pond Co West Hartford B Schwanda & Sons Staffordville
Frank Parizek Manufacturing Co The
West Willington
Patent Button Co The
Scovill Manufacturing Company (Uniform and
Tack Fasteners) Waterbury 91
Waterbury Companies Inc (Uniform and Fasteners) Waterbury
Dress) Waterbury Buttons Charles Parker Co The (medicine) Meriden Cabinet Work Hartford Builders Finish Co Hartford Cable—Asbestos Insulated Rockbestos Products Corp N New Haven Cable—BX Armored
General Electric Company Bridgeport Cable-Nonmetallic Sheather General Electric Company Bridgeport Cable—Service Entrance
General Electric Company Bridgeport General Electric Cages

Cages

Andrew B Hendryx Co The (bird and animal)

New Haven American Cam Company Inc Hartford Special Machinery Co The Rowbottom Machine Company Inc Hartford Hartford Waterbury Canvas Products F B Skiff Inc Hartford F B Skiff Inc

Capacitors

Electro Motive Míg Co Inc The (mica & trimWillimantic mer) Card Clothing
Standard Card Clothing Co The (for textile mills)
Carpenter's Tools
Willimantic
Stafford Springs Sargent & Company (Planes, Squares, Plumb Bobs, Bench Screws, Clamps and Saw Vises) New Haven Sponge Rubber Products Co Inc Shelton Carpets and Rugs Bigelow-Sanford Carpet Co Casters Thompsonville Bassick Company The (Industrial and General) Bridgeport Casters—Industrial George P Clark Co Windsor Locks
Castings
Bradley & Hubbard Mfg Co The (grey iron, brass, bronze, aluminum)
Connecticut Foundry Co (grey iron)
Rocky Hill Connecticut Malleable Castings Co (malleable iron castings)
Consolidated Industries Inc West Cheshire Charles Parker Company The (grey iron, brass, Meriden Charles Parker Company The (grey from, oracy, bronze, aluminum)

Eastern Malleable Iron Company The (malleable iron, metal and alloy)

Farrel-Birmingham Company Inc (Mechanite, Nodular Iron, Steel)

Gillette-Vibber The (grey iron, brass, bronze, aluminum, also Bronze Bushing Stock)

Plainville Casting Company (gray, alloy and high tensile irons)

America (precision high tensile irons)
Revere Corporation of America (precision investment)
John M Russell Mfg Co Inc (brass, bronze and aluminum)
Malleable Iron Fittings Co (malleable iron and
Branford Malleadle Hon Fasting
steel)

McLagon Foundry Co (grey iron) New Haven
Newton-New Haven Co (zinc and aluminum)
688 Third Ave West Haven
Philbrick-Booth & Spencer Inc (grey iron)
Hartford Printing Producto Machine Company The Bridgeport Scovill Manufacturing Company (Brass & Waterbury 91 Bronze) Water Sessions Foundry Co The (grey iron) Union Mfg Co (grey iron & semi steel) Union Míg Co (grey iron & semi steel)

Waterbury Foundry Company The (highway &
sash weights)

Wilcox Crittenden & Co Inc (gray iron and
brass)

Middletown brass) Mi
Castings—Investment
Arwood Precision Casting Corp
Castings—Permanent Mould
Bradley & Hubbard Mfg Co The (a (zinc and Meriden Meriden Charles Parker Company The
Cements—Refractory
Mullite Refractory Co The John M Russell Mfg Co Inc Naugatuck

Chain—Welded and Weldless
Bridgeport Chain & Mfg Co Bridgeport Chain—Bead
Chain Mfg Co The Br H G H Products Co Inc
Chairs Bridgeport Bridgeport Shelton Carwin Company The
Chemicals
American Cyanamid Company
Apothecaries Hall Co
Carwin Company The
Eddan Laboratories
Macalaster Bicknell Company
MacDermid Incorporated
Naugatuck Chemical Division

Lac Co

Lac Company

New Haven
Waterbury
North Haven
South Nowalk
New Haven
Waterbury
United States
Naugatuck
Cansan
Groton The Hitchcock Chair Company Riverton Chemicals—Agriculture
Naugatuck Chemical Division United
Rubber Co (insecticides, fungicides, United States killers) Naugatuck Chemicals—Aromatic augatuck Chemical Division U Rubber Co United States Naugatuck Chemicals-Rubber Robert J King Company Inc The Norwalk Christmas Light Clips Manufacturing Company Foursome Manufacturing Compa sizes and styles) Chromium Plating Chromium Corp of America Chromium Process Company The City Plating Works Inc Bristol Shelton Bridgeport Chucks Cushman Chuck Co The Union Manufacturing Company Hartford New Britain Chucks & Face Plate Jaws Union Mfg Co New Britain Chucks-Power Operated
Cushman Chuck Co The Hartford
Union Manufacturing Company New Britain Clay
Howard Company (Fire Howard "B" and High
Temperature Dry)
Cleaning Compounds
Enthone Inc (Industrial)
New Haven Cleansing Compounds
MacDermid Incorporated Waterbury Clock Mechanisms Lux Clock Mig Co The Clocks E Ingraham Co The Seth Thomas Clocks United States Time Corporation The Bristol Thomaston Waterbury Clocks-Alarm Lux Clock Mfg Co The Waterbury Clocks-Automatic Cooking
Lux Clock Mfg Co The Waterbury Clutches Snow-Nabstedt Gear Corp The New Haven Russell Mfg Co The Middletown Clutch—Friction
Raybestos Div of Raybestos-Manhattan Inc The clutch facings—molded, woven, fabric, metallich woven, fabric, Bridgeport metallic) metallic) Coffee Makers
General Electric Company
Colis—Pipe or Tube
National Pipe Bending Co The
160 River St New Haven
Whitlock Manufacturing Co The Hartford Coin Tokens Waterbury Companies Inc Waterbury Commercial Heat Treating
A F Holden Company The
52 Richard St West Haven Commercial Truck Bodies
Company Bridgeport Commercial Truck
Metropolitan Body Company
Comparators
Pratt & Whitney Div Niles-Bement-Pond Co
(Electro-limit and Air-O-Limit)
West Hartford Compressors
Norwalk Company Inc (high pressure air and South Norwalk Concrete Products Plastricrete Corp Hamden Cones Sonoco Products Co (Climax-Lowell Div)
Mystic Consulting Engineers
Stanley P Rockwell Co Inc The (Consulting)
296 Homestead Ave Hartford

Continuous Mill Gages Pratt & Whitney Div Niles-Bement-Pond Co West Hartford	Delayed Action Mechanism M H Rhodes lnc R W Cramer Company Inc The Centerbrook	Electric Cord Springs Bristol Spring Manufacturing Co Plainville
Contract Machining Malleable Iron Fittings Company Branford	Diamonds—Industrial Diamond Tool and Die Works Hartford	Rockbestos Products Corp (asbestos insulated) New Haven
Contract Manufacturers ireist Mfg Co The (metal parts and assemblies)	Dictating Machines	Electric Eye Control
503 Blake St New Haven lerriam Mfg Co (production runs-metal boxes	Dictaphone Corporation Bridgeport Gray Manufacturing Company The Hartford	United Cinephone Corporation Torrington Electric Fixture Wire
and containers to specifications) Durham ume & Atwood Mig Co The (metal parts	Soundscriber Corporation The New Haven	Rockbestos Products Corp (asbestos insulated) New Haven
& assemblies) Waterbury	Newton-New Haven Co Inc New Haven	Electric Hand Irons
ovill Manufacturing Company (metal parts and assemblies) Waterbury 91	Die Casting Dies	Winsted Hardware Mfg Co (trade mark "Durabilt") Winsted
H Sessions & Son Bristol	ABA Tool & Die Co Parker Stamp Works Co The Manchester Hartford	Electric Insulation
stol Company The Waterbury	Weimann Bros Mfg Co The Derby	Case Brothers Inc Rogers Corporation The Manchester Manchester
nning Maxwell & Moore Inc Bridgeport	Die Castings (Aluminum & Zinc)	Electric Knife Sharpeners
eds Electric & Mig Co The East Haven	Corbin Cabinet Lock Div American Hardware Corp New Britain	Gorn Electric Company Inc The Stamford Electric Lighting Fixtures
oduction Equipment Co Meriden Copper	Stewart Die Casting Div Stewart Warner Corp Bridgeport	Plume & Atwood Mfg Co The Waterbury
nerican Brass Corp The (sheet, wire, rods,	Die Castings-Zinc	Electric Motor Controls Arrow-Hart & Hegeman Electric Co The
ubes) Waterbury idgeport Brass Company (sheet, rod, wire	Charles Parker Company The Meriden	Hartford
and tubing) istol Brass Corp The (sheet) Bridgeport Bristol	Die-Heads-Self Opening Eastern Machine Screw Corp The Truman &	Electrical Outlet and Switch Boxes, and
ase Brass & Copper Co (sheet, rod, wire ube) Waterbury	Eastern Machine Screw Corp The Truman & Barclay Sts New Haven	General Electric Company Bridgeport
insheet Metals Co The (sheets and rolls) Waterbury	Die Polishing Machinery Hartford Special Machinery Co The Hartford	Electric Panel Boards
stern Brass Mills Division of Olin Indus-	Die Sets	Federal Electric Products Co Inc Hartford Electric Safety Switches
Copper Scrap	Pratt & Whitney Div Niles Bement Pond Co (Precision) West Hartford	Federal Electric Products Co Inc Hartford
ipple & Choate Company The Bridgeport Copper Sheets	Producto Machine Company The Bridgeport Union Mig Co (precision, steel and semi-steel)	Schick Incroporated Stamford
erican Brass Company The Waterbury W Haven Copper Co The Seymour	New Briatin Dies Hoggson & Pettis Mfg Co The 141 Brewery St	United Advertising Corp New Haven
w Haven Copper Co The Seymour Copper Water Tube	New Haven Parker Stamp Works Inc The (plastics and	Electric Switches
erican Brass Company The Waterbury	die castings) Hartford Pratt & Whitney Div Niles-Bement-Pond Co	Arrow-Hart & Hegeman Electric Co The Hartford
idgeport Brass Co Bridgeport Cords—Asbestos	(Duocone Dies) West Hartford Die Sinkers	R W Cramer Company Inc The Centerbrook
neral Electric Company Bridgeport	Pratt & Whitney Div Niles-Bement-Pond Co	Rockbestos Products Corp (asbestos insulated)
neral Electric Company Bridgeport Cords—Heater	Dies and Die Sinking Consolidated Industries Dish Drying Machines	New Haven Electric Wiring Devices
neral Electric Company Bridgeport Cords—Portable	Dish Drying Machines Colt's Manufacturing Company Hartford	Arrow-Hart & Hegeman Electric Co The Hartford
neral Electric Company Bridgeport	Dish Washing Machines	Electrical Circuit Breakers Federal Electric Products Co Inc Hartford
cord Sets eral Electric Company Bridgeport	Colt's Manufacturing Company Hartford Disk Harrows	Electrical Conduit Fittings & Grounding Specialties
cork Cots noco Products Co (Climax-Lowell Div)	Orkil Inc—Cutaway Harrow Division Higganum	Gillette-Vibber Company The New London
Corrugated Box Manufacturers Mystic	P & F Corbin Division The American Hard-	Electrical Control Apparatus Federal Electric Products Co Inc Hartford
nnecticut Container Corporation New Haven	ware Corp New Britain Sargent & Company New Haven	Electrical Goods
Corrugated Shipping Cases nnecticut Container Corporation New Haven	Yale & Towne Manufacturing Company The	A C Gilbert Co New Haven Electrical Insulation
nnecticut Corrugated Box Div Robert Gair Co Inc Portland	Dowel Pins	Stevens Paper Mills Inc The Windsor
L & D Container Corp 87 Shelton Ave	Allen Manufacturing Co The Hartford	U S Electrical Motors Inc Milford
Cosmetic Containers New Haven	Holo-Krome Screw Corp The West Hartford	Electrical Outlet and Switch Boxes, and
elet Specialty Co The Waterbury	Joseph Merritt & Co Hartford	General Electric Company Bridgeport
Cosmetics	Drilling Machines Henry & Wright Division of Hartford-Empire	Bristol Co The Waterbury
B Williams Co The Glastonbury ortham Warren Corporation Stamford	Company Hartford Pratt & Whitney Div Niles Bement-Pond Co	Electrical Relays and Controls
Cotton and Asbestos Wicking	(Deep Hole) West Hartford	Allied Control Co Plantsville
and Burner Co The Hartford	Drilling and Tapping Machinery	Wiremold Co The Hartford
oyd Cranska Co The Moosup	Hartford Special Machinery Co The Hartford Drop Forgings	Crystal Research Laboratories Inc Hartford
Counting Devices eder-Root Inc Hartford	Atwater Mfg Co Bridgeport Hdwe Mfg Corp The Bridgeport Hdwe Mfg Corp The	Gray Manufacturing Company The Hartford Ripley Co Middletows
Couplings-Self-Sealing erry Products Inc Danbury	Capewell Mig Company Consolidated Industries Hartford West Cheshire	National Sherardizing & Machine Co Hartford Waterbury Plating Company Waterbury
Cranes and Conveyors	Wilcox Crittenden & Co Inc Middletown	Waterbury Plating Company Waterbury Electroplating—Equipment & Supplies
B Engineering Sales Co New Haven Crushers	Druggists' Rubber Sundries Seamless Rubber Company The New Haven	Enthone Inc Lea Manufacturing Co The New Haven Waterbury
orrel-Birmingham Company Inc (Stone and Ansonia		MacDermid Incorporated Waterbury
Cups—Paper nerican Paper Goods Company The ("Puri-	Duplicating Machines—Automatic Pratt & Whitney Div Niles Bement Pond Co West Hartford	Electroplating Processes & Supplies Enthone Inc New Haver
tan") Kensington	Russell Mfg Co The Middletown	United Chromium Incorporated Waterbury Electrotypes
Cushioning for Packaging Iman Brothers Co The Cut Stone	Electric Appliances	W T Barnum & Co Inc (all classes) New Haver New Haven Electrotype Div Electrographic
xtone Co The Cutters New Haven	General Electric Company Bridgeport	Corp New Haves
arnes Tool Company The (pipe cutters, hand) New Haven	Rockbestos Products Corp (asbestos insulated)	Eastern Machinery Co The (passenger and freight) New Haver
K Tool Co Inc The (inserted tooth milling) 33 Hull St Shelton	New Haven Electric-Commutators & Segments	General Elevator Service Co Hartford
ratt & Whitney Div Niles-Bement-Pond Co	Cameron Eleo Mfg Co The (rewinding motors)	Conn Metal Finishing Co Hamder
(Milling Cutters all types) West Hartford	Ansonia	Waterbury Plating Company Waterbury

T 'S MAD E 1 C ONNECTICUT N

Enameling and Finishing Flat Springs
Bristol Spring Manufacturing Co Clairglow Mfg Co Portland Plainville Enamels Flexible Shaft Machines Baer Brothers Stamford Pratt & Whitney Div Niles-Bement-Pond Co West Hartford Baer Brothers

End Milling Cutters

Pratt & Whitney Div Niles-Bement-Pond Co

West Hartford Floor & Ceiling Plates
Beaton & Cadwell Mfg Co The New Britain Engines Fluorescent Lighting Equipment Vanderman Manufacturing Co The William Wiremold Company The Hart Pract & Whitney Aircraft Div United Aircraft
Corp (aircraft)
Wolverine Motor
Works Inc (diesel stationsymarine)
Bridgeport Food Mixers-Electric General Electric Company Envelopes Bridgeport Curtis 1000 Inc United States Envelope Company Hartford Division Hartford Food Mixing Machines Colt's Manufacturing Company Hartford Hartford Hartford Division

Envelopes—Stock and Special

American Paper Goods Company The

Kensington Forgings Clark Brothers Bolt Co
Consolidated Industries Inc
Heppenstall Co (all kinds and shapes)
Bridgeport
Bridgeport Extractors—Tap
Walton Company The West Hartford Walton Company The Eyelets
American Brass Company The Platt Bros & Co The P O Box 1030 Waterbury Plume & Atwood Mfg Co The Scovil Manufacturing Company Waterbury 91 Eyelets, Ferrules and Wiring American Brass Company The Waterbury Companies Inc Scovill Manufacturing Company (Non-ferrous) Waterbury 91 Foundries
Connecticut Malleable Castings Co (malleable New Haven Connecticut iron castings) New Haven Farrel-Birmingham Company Inc (Iron and Ansonia Steel)
harles Parker Company The (iron, brass,
Merider Waterbury Companies Inc

Eyolet Machine Products
Ball & Socket Mig Co The West Cheshire
American Brass Company The Waterbury
Waterville Mfg Co The (size 15 machines
Waterville Charles Parker Company
bronze, aluminum)
Plainville Casting Company (gray,
high tensile irons)
Producto Machine Company The
Sessions Foundry Co The (iron)
Union Mfg Co (gray iron & semi steel)
Wew Britain
New Britain only)

Fabricated Alloys

Rolock Inc (Heat Treating, Finishing)

Southport Wilcox Crittenden & Co Inc (iron, brass, alumi-num and bronze) Middletown Fancy Dress Buttons and Buckles
Waterbury Companies Inc Water Foundry Riddles
John P Smith Co The 423-33 Chapel St
Rolock Inc (brass, galvanized steel) Pairfield Waterbury Fans-Electric
General Electric Company Bridgeport Fastenera—Silde & Snap
G E Prentice Mfg Co The
Scovill Manufacturing Company
alide fasteners)

Kensington
(anap and
Waterbury 91 Fuel Oll Pump and Heater Sets Peabody Engineering Corporation Sta Furnaces
Norwalk Airconditioning Corp The (warm air oil fired)
South Norwalk Felt Auburn Manufacturing Company The (mechaniaburn Manusacus (al., cut parts) Middletown cal, cut parts) Middletown rycor Felt Company (paper makers and in-Staffordville Drycor Fel dustrial) Furnace Linings
Mullite Refractories Co The (refractories, Felt-All Purpose
American Felt Co (Mill & Cutting Plant) per refractories) Fuses—Plug and Cartridge
General Electric Company Bridgeport General Electric Company

Gage Blocks

Fonda Gage Company (Fonda lifetime-carbide and steel)

Pratt & Whitney Div Niles-Bement-Pond Co (Alloy steel and Carbide, Hoke and USA)

West Hartford Chas W House & Sons Inc (Mills & Cutting Plant) Unionville Sponge Rubber Products Co Inc Fibre Board Shelton Case Brothers Inc
C H Norton Co The
Rogers Corporation (Specialty)
Stevens Paper Mills Inc The Manchester North Westchester Manchester Windsor Galvanizing Malleable Iron Fittings Co Wilcox Crittenden & Co Inc Film Spools Watkins Manufacturing Co Inc Middletown Milford Galvanizing & Electrical Plating
Gillette-Vibber Co The New London Finger Nail Clippers
H C Cook Co The 32 Beaver St Ansonia Gaskets File Cards Standard Card Clothing Co The Stafford Springs Firearms Colt's Manufacturing Company Marlin Firearms Co The New Haven OF Mosberg & Sons Inc New Haven Remington Arms Company Inc Winchester Repeating Arms Company Division Olin Industries Inc New Haven Olin Industries and
Fire Hose
Fabrics Fire Hose (municipal and industrial)
Sandy Hook

Fireplace Goods
American Windshield & Specialty
881 Boston Post Road
John P Smith Co The (screens)
St
423-33 Chapel
New Haven

Fireworks

East Hampton
H C Cook Co The 32 Beaver St Ansonia
Horton Mfg Co The (reels, rods, lines) Bristol
Flashlights
Bond Electric Corporation Division of Olin
Industries Inc
Bridgeport Metal Goods Mfg Co Bridgeport
Winchester Repeating Arms Company Division
Olin Industries Inc
New Haven

New Haven

Wallingford

East Hampton

Fireproof Floor Joists Dextone Co The

Fishing Tackle
Bevin-Wilcox Line Co The (lines)

M Backes' Sons Inc

Auburn Manufacturing Company The (from all materials) Middletown materials)
Raybestos Div of Raybestos-Manhattan Inc The
Bridgeport Gas Range Conversion Burner
Holyoke Heater Corp of Conn., Inc. Harti
Gas Scrubbers, Coolers and Absorbers
Peabody Engineering Corporation Stamf Gauges Bristol Co The (pressure and vacuum—recording automatic control)

Fonda Gage Company (special)

Helicoid Gage Division American Chain & Cable Co The (pressure and vacuum) Manning Maxwell & Moore Inc Stratford
Pratt & Whitney Div Niles-Bement-Pond Co
(Precision Measurement, all types)
West Hartford Gears and Gear Cutting Farrel-Birmingham Company Inc Hartford Special Machinery Co The Ansonia Hartford Glass Blowing Macalaster Bicknell Company New Haven Glass Cutters Fletcher-Terry Co The Forestville Golf Equipment
Horton Mfg Co The (clubs, shafts, balls, bags)
Bristol A D Steinbach & Sons Inc New Haven

Centerless Grinding Cone The (Precision custom grinding; centerless, cylindical, surfaces, internal and special)

Farrel-Birmingham Company Inc (Roll and Annonia Celindrical) Cylindrical)
Hartford Special Machinery Co The threads, cams and splines) Hartford Grinding Machines
Farrel-Birmingham Company Inc (Roll) Pratt & Whitney Div Niles-Bement-Pond Co (Surface, Die, Gear and Cutter Grinders)
West Hartford Rowbottom Machine Company Inc (cam) Grommets American Brass Company The Plume & Atwood Mfg Co The Waterbury Hand Tools

Bridgeport Hdwe Mfg Corp The (nail pullers, scout axes, box opening tools, trowels, coping saws, putty knives)

James J Ryan Tool Works The (screwdrivers, machinists' punches, cold chisels, acratch awls and nail sets)

Waterbury

Waterbury

Hand Tools

Bridgeport

Bridgeport

Bridgeport

Bridgeport

Southington Hardness Testers
Wilson Mechanical Instrument Div American
Chain & Cable Company Inc Bridgeport Chain & Cable Company Inc

Hardware

Bassick Company The (Automotive) Bridgeport
Harloc Products Cerp
P & F Corbin Division The American Hardware
Corp (builders)
Sargent & Company
Wilcox Crittenden
Wilcox Crittenden
And industrial)

Sand industrial fileox Crittenuen and industrial) ale & Towne Manufacturing Company The Stamford Yale & Towne Manufacturing Comp (builders)
Hardware—Marine & Bus Rostand Mig Co The Rostand Mig Co The
Hardware—Trailer Cabinet
Excelsior Hardware Co The
Hardware, Trunk & Luggage
Corbin Cabinet Lock Div American Hardware
Corp New Britain
Bristol Corp Bristol
J H Sessions & Son Bristol
Yale & Towne Manufacturing Company The
Stamford Hat Machinery Doran Bros Inc Health Surgical & Orthopedic Supports
Berger Brothers Company The (custom made
for back, breast, and abdomen) New Haven Heat Exchangers Whitlock Manufacturing Co The Whitlock Manufacturing
Heat Elements
Safeway Heat Elements Inc (woven wire reMiddletown Hartford Safeway Heat Elements Inc (woven wire resistance type)
Heat Treating Middletown
A F Holden Co The 52 Richard St West Haven
Bennett Metal Treating Co The
1945 New Britain Ave
Driscoll Wire Company The
New Britain-Gridley Machine Division
The New Britain Machine Co
Stanley P Rockwell Co Inc The
296 Homestead Ave

Hartford

Hartford

Heat-Treating Equipment Bauer & Company
A F Holden Company The 52 Richard Street
West Haven (Main Plant)
Oakville West Haven (Stain Flank)
Autoyre Company The Oakville
Rolock Inc (Baskets, Muffles, etc.) Southport
Stanley P Rockwell Co Inc The (commercial)
296 Homestead Ave Hartford
Wallace Barnes Co The Div Associated Spring
Bristol Heat Treating Salts and Compounds A F Holden Company The
52 Richard Street West Haven
Mitchell-Bradford Chemical Co Bridgeport

Mitchell-Bradford Chemical Comparatus

Miller Company The (domestic oil burners and Meriden Heating and Cooling Colls
G & O Manufacturing Co New Haven
Heavy Chemicals
Naugatuck Chemical Division United States
Rubber Co (sulphuric, nitric and muriatic
acids and aniline oil)
Naugatuck
Hex-Socket Screws
Naugatuck
Naugatuck Bristol Company The
Holo-Krome Screw Corp The
Highway Guard Rail
Malleable Iron Fittings Co
Branford
Branford

Homer D Bronson Company Beacon Falls (Advt.)

Hobs and Hobbings	Laboratory Supplies	Locks—Sultcase
ABA Tool & Die Co Pratt & Whitney Div Niles-Bement-Pond Co (Die and Thread Milling) West Hartford	Macalaster Bicknell Company New Haven	Eagle Lock Co The Terryville Locks—Sult-Case and Trimmings
-B Engineering Sales Co New Haven	Wilcox Lace Corp The Middletown Laces and Nettings	Corbin Cabinet Lock Div American Hardware Corp New Britain
Heists and Trolleys	Wilcox Lace Corporation The Middletown Lacquers & Synthetic Enamels	Excelsior Hardware Co The Stamford Locks—Trunk
Jnion Mfg Company New Britain Home Laundry Equipment	Atlas Powder Co Zapon Div Stamford Baer Brothers Stamford	Eagle Lock Co The Terryville Yale & Towne Manufacturing Company The
General Electric Company Bridgeport Hose—Flexible Metallic	Chemical Coatings Corporation Rocky Hill Dagmar Chemical Company Inc Glenbrook	Excelsior Hardware Co The Stamford
American Brass Co American Metal Hose Branch Waterbury	United Chromium Incorporated Waterbury	Yale & Towne Manufacturing Company The (and suitcase) Stamford
Hose Supporter Trimmings lawie Mig Co The (So-Lo Grip Tabs)	A W Flint Co 196 Chapel St New Haven	Excelsior Hardware Co The Stamford
Bridgeport	Plume & Atwood Mfg Co The (metal oil) Waterbury	Loom-Non-Metallic Wiremold Company The Hartford
Connecticut Telephone & Electric Division of Great American Industries Inc Meriden	Lampholders—Incandescent and Fluorescent General Electric Company Bridgeport	Luggage Fabric Falls Company The Norwich
Petroleum Heat & Power Co (Instantaneous domestic oil at the Country of the Count	Verplex Company The Essex Lathes—Contin-U-Matic	City Lumber Co of Bridgeport Inc Bridgeport Machetes
Hydraulic Brake Fluids Lis Manufacturing Co Middletown	Bullard Company The (vertical multi-spindle- continuous turning type) Bridgeport	Collins Company The Collinsville
Hydraulic Controls perry Products Inc Danbury Industrial Finishes	Bullard Company The (horizontal 3 spindle) Bridgeport	Machine Tools Bullard Company The Bridgeport Pratt & Whitney Div Niles-Bement-Pond Co
Atlas Powder Co Zapon Div Chemical Coatings Corporation United Chromium Incorporated Stamford Rocky Hill Waterbury	Bullard Company The (vertical multi-spindle-	Producto Machine Company The Bridgeport Machine Work
Industrial and Masking Tapes Seamless Rubber Company The New Haven	Lathes-Toolroom and Automatic	Farrel-Birmingham Company Inc Ansonia Fenn Manufacturing Company The (precision
Infra-Red Equipment	Pratt & Whitney Div Niles Bement Pond Co West Hartford	Hartford Special Machinery Co The (contract
eeds Electric and Mfg Co The Hartford	Bullard Company The (single spindle)	National Sherardizing & Machine Co (job)
merican Cyanamid Company Waterbury	Laundry Roll Covers	Parker Stamp Works Inc The (Special) Hartford
Dispenser) Simsbury Insecticide Bomb	Atlas Powder Co Zapon Div Stamford Lead Plating	Swan Tool & Machine Co The Hartford Torrington Manufacturing Co The (special roll-
ridgeport Brass Company (Aer*a*sol) Bridgeport	Christie Plating Co The Groton	ing mill machinery) Torrington Machinery
Insulated Wire & Cable Serite Company The Seymour	Herman Roser & Sons Inc (Genuine Pigskin) Glastonbury Geo A Shepard & Sons Co The (sheepskin,	Fenn Manufacturing Company The (special) Hartford Globe Tapping Machine Company (dial type
Instruments Bristol Company The Waterbury B-T Instruments Inc (Electrical and Tem-	shoe upper, garment, grain and suede) Bethel Leather Dog Furnishings	Globe Tapping Machine Company (dial type drilling and tapping) Bridgeport Hallden Machine Company The (mill) Thomaston
perature) Manning Maxwell & Moore Inc Bridgeport Pratt & Whitney Div Niles-Bement-Pond Co (Precision Measuring) West Hartford	Andrew B Hendryx Co The New Haven The Smith-Worthington Saddlery Co Hartford Leather Goods Trimmings G E Prentice Mfg Co The Kensington	Torrington Manufacturing Co The (mill) Torrington Machinery-Bolt and Nut
Gilman Brothers Co The Gilman	Leather, Mechanical	Waterbury Farrel Foundry & Machine Co
Inter-Communications Equipment Connecticut Telephone & Electric Division of	Auburn Manufacturing Company The (packings, cubs, washers, etc) Middletown Letterheads	Waterbury Farrel Foundry & Machine Co The Waterbury
Great American Industries Inc Meriden Interval Timers	Lehman Brothers Inc (designers, engravers, lithographers) New Haven	Machinery Dealers & Rebuilders Botwinik Brothers J L Lucas and Son Fairfield
ux Clock Manufacturing Company Waterbury	Lighting Accessories—Fluorescent General Electric Company Norfolk Lights—Trouble	State Machinery Co Inc New Haver Machinery-Extruding
General Electric Company Bridgeport Jacquard	General Electric Company Bridgeport Lighting Equipment Miller Co The (Miller, Duplexalite, Ivanboe)	Standard Machinery Co The Mystic
Case Brothers Inc Manchester	Miller Co The (Miller, Duplexalite, Ivanboe) Meriden United Manufacturing Co New Haven	Bristol Metal-Working Equipment Hartford Waterbury Farrel Foundry & Machine Co
H Sessions & Son Bristol	New England Lime Company Canaan	The Waterbury Pratt & Whitney Div Niles-Bement-Pond Co
Jig Borer Moore Special Tool Co (Moore) Bridgeport Pratt & Whitney Div Niles-Bement-Povd Co	Bridgeport Metal Goods Mfg Co Bridgeport	Machinery-Nut Waterbury Farrel Foundry & Machine Co
Jig Grinder	Kellogg & Bulkeley A Division of Connecticut	The (forming and tapping) Waterbury Machinery—Screw and Rivet
Moore Special Tool Co (Moore) Bridgeport Pratt & Whitney Div Niles-Bement-Pond Co West Hartford	Printers Inc Lehman Brothers Inc A D Steinbach & Sons Hartford New Haven New Haven	Machinery—Screw and Rivet Waterbury Farrel Foundry & Machine Co The Machinery—Wire Drawing
Jointing Raybestos Div of Raybestos-Manhattan Inc The (compressed sheets) Bridgeport	Yale & Towne Manufacturing Company The Stamford	Waterbury Farrel Foundry & Machine Co The Waterbury Machinery—Wire Straightening
Keller Machines Pratt & Whitney Div Niles-Bement-Pond Co West Hartford	Eagle Lock Co The Terryville P & F Corbin Division The American Hardware Corp New Britain	Mettler Machine Tool Inc New Have
Key Blanks Corbin Cabinet Lock Div American Hardware	ware Corp Sargent & Company Yale & Towne Manufacturing Company The	Campbell Machine Div American Chain & Cabl Co Inc (cutting & nibbling) Bridgepor Coulter & McKenzie Machine Co The (spe
Corp New Britain Sargent & Company New Haven Yale & Towne Manufacturing Company The	Locks—Cabinet	cial, new development engineering desig and construction) Bridgepot Patent Button Company The Waterbur
Stamford	Eagle Lock Co The Corbin Cabinet Lock Div American Hardware	Machines-Automatic
Labels A J Cash Inc (Woven) South Norwalk Naugatuek Chemical Division United States Rubber Co (for rubber articles) Naugatuck	Corp Excelsior Hardware Co The Yale & Towne Manufacturing Company The	A H Nilson Mach Co The (Special) Bridgepot Machines—Automatic Chucking Bullard Company The Bridgepot
	Locks—Special Purpose	New Britain-Gridley Machine Division The New Britain Machine Co. (multip
Label Moisteners Better Packages Inc Shelton	Eagle Lock Co The Terryville	spindle and double end) New Britai Pratt & Whitney Div Niles Bement Pond C

ADEIN CONNECTICUT M

Machines—Automatic Screw
New Britain-Gridley Machine Division
The New Britain Machine Co (single and
multiple spindle)
New Britain Machines—Automatic Shaft Turning
Bullard Company The (30H lathe—horize
3 spindle) -horizontal Bridgeport Machines-Brushing Fuller Brush Co The Hartford Machines—Conveyor
Bullard Company The (Bullard-Dunn rotary
conveyor indexing type) Bridgeport Machines—Contin-U-Matic
Bullard Company The (vertical multi-spindle—continuous turning)

Bridgeport Machines-Draw Benches
Fenn Manufacturing Company The Hartford Fenn Manutacturing Company

Machines—Drill Spacing

Bullard Company The (Man-Au-Trol spacer—used in conjunction with radical drills)

Bridgeport Machines-Drop Hammers
Fenn Manufacturing Company The Hartford Machines-Forming

A H Nilson Mach Co The (four-slide wire and ribbon stock)

Bridgeport Machines-Mult-Au-Matic Bullard Company The Bridgeport Machines-Paper Ruling John McAdams & Sons Inc Norwalk Machines-Pipe & Bolt Threading
Capewell Mfg Co The Hartford Machines—Precision Boring
New Britain-Gridley Machine Division
The New Britain Machine Co New Britain Machines-Rolling Fenn Manufacturing Company Hartford Machines—Slotting
Globe Tapping Machine Company The (High
Production Screw Head Slotting) Bridgeport
Waterbury Farrel Foundry & Machine Co
The (screw head)
Waterbury Machines-Spec!al Hartford Machines-Swaging Fenn Manufacturing Company Ti Hartford Machines—Thread Rolling Hartford Special Machinery Co The Waterbury Farrel Foundry & Ma Hartford Machine Co Waterbury Machines—Turks Head Fenn Manufacturing Company The Hartford Machines—Well Drilling
Consolidated Industries Wes West Cheshire Machines-Wire Drawing Fenn Manufacturing Company The Hartford Fenn Manutacturing Mail Boxes
Airline Manufacturing Company The
Warehouse Point Mail Boxes, Apartment & Residential
Corbin Cabinet Lock Div American Hardware
Corp
New Britain Mailing Machines
Pitney-Bowes Inc Stamford Manicure Instruments Derby W E Bassett Company The Manganese Bronze Ingot Whipple and Choate Company Bridgeport Marine Engines
Kilborn-Sauer Company (runni
searchlights)
Lathrop Engine Co The (running lights and Fairfield Mystic Marine Equipment Wilcox Crittenden & Co Inc Middletown Marine Reserve Gears Snow-Nabstedt Gear Corp The New Haven Marking Devices
Hoggson & Pettis Mfg Co The New Haven
Parker Stamp Works Inc The (steel) Hartford Matrices W T Barnum & Co Inc New Haven Mattresses Waterbury Mattress Co Waterbury Mechanics Hand Tool
Bridgeport Hawe Mfg Corp The (screw drivers, wrenches, pliers, cold chisels, hammers, autorepair tools)

Bridgeport

Bridgeport Bridgeport Metal Boxes and Displays
Durham Manufacturing Company T

T

ille

ord

1114

ord

ord

ord

ord

ich

ort

ille

ort

ord

act

ord

ord

all

ton

ial) ord

ton

ton

Co

nry

ven

stic

ord

Co

ury

Co

ury

even

able

spe-

port

port

port

tiple

Metal Cleaners Apothecaries Hall Co Apothecaries transcript Enthone Inc MacDermid Incorporated Metal Cleaning Machines Colt's Manufacturing Company Metal Finishes N Waterbury New Haven Waterbury Hartford New Haven Bridgeport Waterbury Mitchell-Bradford Chemical Co United Chromium Incorporated Metal Finishing
National Sherardizing & Machine Co Hartford Waterbury Plating Company
Metal Formings
Master Engineering Company Waterbury West Cheshire Metalizing Conn Metal Finishing Co Hamden Metal Novelties
H C Cook Co The 32 Beaver St Ansonia H C Cook Co The 34 Dearer of American Metal Products—Stampings
American Brass Company The Waterbury J H Sessions & Son Bristol Scovill Manufacturing Company (Made-to-Order) Waterbury 91 Metal Specialties Excelsior Hardware Co Stamford American Brass Company The
Autoyre Co The (Small)
Bridgeport Chain & Mfg Co
Doo'val Tool & Mfg Inc The
Excelsior Hardware Co The
Greist Mfg Co The
30 Blake St New Haven
H C Cook Co The
32 Beaver St Ansonia
Master Engineering Company
J A Otterbein Company The
tions)
West Cheshire
(metal fabrica(metal J A Otterbein Company The (ntions)
J H Sessions & Son
Patent Button Co The
G E Prentice Mfg Co The
Plume & Atwood Mfg Co The
Saling Manufacturing Company
Stanley Works The
Swan Tool & Machine Co The
Verplex Company The (Contract)
Waterbury Lock & Specialty Co T Bristol Waterbury Kensington Waterbury Unionville New Britain Hartford Essex Milford Meters-Gas Sprague Meter Company Bridgeport Rhodes Inc M H
Microscope—Measuring Hartford Hartford Lundeberg Engineering Company Milk Bottle Carriers John P Smith Co The 423-33 Chapel St New Haven Miliboard
Raybestos Div of Raybestos-Manhattan Inc The Bridgeport Hartford Builders Finish Co Hartford artford Builders Finan Milling Machines 'ratt & Whitney Div Niles-Bement-Pond Co (Keller Tracer—Controlled Milling Machines) Weat Hartford Rowbottom Machine Company Inc (cam)
Waterbury Wilcox Crittenden & Co Inc Middletown Minute Minders Lux Clock Mfg Co The Waterbury Mirror Rosettes and Hangers Waterbury Companies Inc Waterbury Mixing Equipment
Eastern Industries Inc New Haven Mops Fuller Brush Co The Hartford Moulded Plastic Products Colt's Manufacturing Company Patent Button Co The Waterbury Companies Inc Watertown Mfg Co The 117 J Hartford Waterbury
Waterbury
117 Echo Lake Road
Watertown Mouldings
Himmel Brothers Co The (architectural, metal ABA Tool & Die Co Manchester
Hoggson & Pettis Mfg Co The (steel)
114 Brewery St New Haven
Lundeberg Engineering Company (plastics)
Hartford Maulds

Napper Clothing

1 Clothing Co The (for textile Stafford Springs Standard Card milla) Wilcox Lace Corp The Middletown Nickel Anodes
Apothecaries Hall Co
Seymour Mfg Co The Waterbury Seymous Nickel Silver
American Brass Company The
Plume & Atwood Mig Co The
Seymour Mig Co The
Waterbury Rolling Mills Inc
rolls)
Western Brass Mills Division of Olin Industries Inc (sheet, strip)
Whipple and Choate Company The
Nickel Silver Inget
Whipple and Choate Company The
Nickel Silver Inget
Whipple and Choate Company The
Nickel Silver Inget
Whipple Silver Inget Whipple and Choate Company 1 De Night Latches
P & F Corbin Division The American Hard-New Britain
Sargent & Company
Yale & Towne Manufacturing
Stamford Non-Ferrous Scrap Metals Whipple & Choate Company The Bridgeport Non-ferrous Metal Castings Miller Company The Nuts, Bolts and Washers Clark Brothers Bolt Co Milldale Office Equipment
Pitney-Bowes Inc
Underwood Corporation Bridgeport & Hartford Offset Printing
Kellogg & Bulkeley A Division of Connecticut
Printers Inc Oil Burners Malleable Iron Fittings Co (domestic) Miller Company The (domestie) Meriden
Peabody Engineering Corp (Mechanical and
/or Steam Atomizer) Stamford
Petroleum Heat & Power Co (domestic, commercial and industrial)
Silent Glow Oil Burner Corp The
1477 Park St
Hartford Branford Oli Burner Wicks Raybestos Div of Raybestos-Manhattan Inc The Bridgeport Oll Tanks

Norwalk Tank Co The (550 to 30M gals, underwriters above and under ground)

South Norwalk

Hartford Optical Cores & Ingets
Plume & Atwood Mfg Co The Thomaston Outlets-Electric General Electric Company Bridgeport Ovens-Electric Bauer & Company Hartford Package Sealers Better Packages Inc Shelton Better Fackages and
Packaging Machinery
Colt's Manufacturing Company (box making machinery. Trade mark "Rite Size")
Hartford Packing
Auburn Manufacturing Company The (leather, rubber, asbeatos, fibre)
Raybestos Div of Raybestos-Manhattan Inc The (rubber sheet and automotive) Padlocks Corbin Cabinet Lock Div American Hardware
Corp New Britain
Sargent & Company New Haven Corp Sargent & Company
Yale & Towne Manufacturing Company The
Stamford
Stamford
Townisht Co The Milford Paints Baer Brothers Stamford Paints and Enamels Staminate Corp The New Haven Moore Special Tool Co (crush wheel dresser) Bridgeport Paperboard
Gair Company Inc Robert
Robertson Paper Box Co Gair Company am Box Co
Robertson Paper Boxes
Atlantic Carton Corp (folding)
Gair Co Inc Robert (folding)
National Folding Box Co Inc (folding)
New Haven
Montville
(Advt.) Montville Parker Stamp Works Inc The (compression injection & transfer for plastics) Hartford Sessions Foundry Co The (heat resisting for non-ferrous metals)

The Durham

	- 1 11 0 0 11	
Paper Boxes-Folding and Setup Bridgeport Paper Box Company Bridgeport	Plastics-Moulds & Dies Parker Stamp Works Inc The (for plastics)	Production Weiding Consolidated Industries West Cheshire
M Backes' Sons Inc Wallingford Paper Citys	Plasticrete Bloc Plasticrete Corp Hamden	Profilers Pratt & Whitney Div Niles-Bement-Pond Co
H C Cook Co The (steel) 32 Beaver St Ansonia Paper Mill Machinery	General Electric Company Bridgeport Platers	West Hartford Propellers-Aircraft
Farrel-Birmingham Company Inc Ansenia Paper Tubes and Cores	American Metal Products Company Inc Bridgeport	Hamilton Standard Propellers Div United Air- craft Corp East Hartford
Sonoco Products Co (Climax-Lowell) Div	Christie Plating Co City Plating Works Groton Bridgeport	Yale & Towne Manufacturing Company The (Tri-rotor) Stamford
Sonoco Products Co (Climax-Lowell Div) Mystic	Waterbury Plating Company Waterbury Chromium Process Company The (Chromium	Pumps—Small Industrial Eastern Industries Inc New Haver
Parkerizing Clairglow Mfg Company Portland	Plating only) Derby Platers' Equipment	Pump Valves Colt's Manufacturing Company Hartford
Rhodes Inc M H Hartford	Apothecaries Hall Company Conn Metalcraft Inc Lea Manufacturing Co The Waterbury Waterbury	Punches Hoggson & Pettis Mfg Co The (ticket & cloth)
Pattern-Makers Farrel-Birmingham Company Inc Ansonia	MacDermid Incorporated Waterbury Platers Metal	141 Brewery St New Haves Putty Softeners—Electrical
Penlights Bridgeport Metal Goods Mfg Co Bridgeport	Plume & Atwood Mfg Co The Thomaston	Fletcher Terry Co The Box 415 Forestville Pyrometers
Pet Furnishings	Christie Plating Co The (including lead plat- ing) Groton Conn Metal Finishing Co Hamden	Bristol Co The (recording and controlling) Waterbur
Andrew B Hendrix Co The New Haven Pharmaceutical Specialties	Plating Processes and Supplies Enthone Inc New Haven	Quartz Crystals Crystal Research Laboratories Inc Hartford Radiation—Baseboard Convectors
Ernst Bischoff Company Inc Ivoryton Phospher Bronze	United Chromium Incorporated Waterbury Plumbers' Brass Goods	Hoff Manufacturing Company Bethan
American Brass Company The Waterbury Miller Company The (sheets, strips, rolls) Meriden	Bridgeport Brass Co Keeney Mfg Co The (special bends)	Radiation-Finned Copper Bush Manufacturing Co West Hartford G & O Manufacturing Company The
Seymour Mfg Co The Seymour Waterbury Rolling Mills Inc (sheets, strips, rolls) Waterbury	Scovill Manufacturing Company Waterbury 48 Plumbing Specialties	Vulcan Radiator Co The (steel and copper) Hartfor
Western Brass Mills Division of Olin Indus-	John M Russell Mfg Co Inc Naugatuck Pole Line Hardware	Radiators—Engine Cooling G & O Manufacturing Co New Have
Phosphor Bronze Ingots	Malleable Iron Fittings Co Branford Police Equipment	Radio and Television Components General Electric Company Bridgepor
Whipple and Choate Company The Bridgeport Photographic Equipment	The Smith-Worthington Saddlery Co Hartford Polishing Wheels	Radio Receivers
Kalart Company Inc Plainville Plano Repairs	Williamsville Buff Div The Bullard Clark Company Poly Chokes Danielson	Rayon Specialties
Pratt Read & Co Inc (keys and action) Ivoryton Plano Supplies	Poly Choke Company The (a shotgun choking device) Tariffville	Hartford Rayon Corporation The Rocky Hi
Pratt Read & Co (keys and actions, backs, plates) Ivoryton	Pitney-Bowes Inc Stamford	Hartford Rayon Corporation The Rocky Hi
Pile Pabrics Sidney Blumenthal & Co Inc (For furniture, automobiles, railroads, women's wear,	Fenn Manufacturing Company The Hartford Powered Metal Products	O K Tool Co Inc The (inserted tooth) 33 Hull St Shelto Pratt & Whitney Div Niles-Bement-Pond C (All types) West Hartfor
toys) Shelton	American Sintered Alloys Inc Bethel Waterbury Companies Inc Waterbury	Recorders Bristol Co The (automatic controllers, tempera
Verplex Company The Essex	Prefabricated Buildings City Lumber of Bridgeport Inc The Bridgeport	ture, pressure, flow, humidity) Waterbur Reduction Gears
American Brass Co The (brass and copper) Waterbury Bridgeport Brass Co (brass and copper)	Waterbury Companies Inc Waterbury	Farrel-Birmingham Company Inc Snow-Nabstedt Gear Corp The New Have
Chas Brass & Copper Co (red brass and	Preservatives—Wood, Repe, Fabric Darworth Incorporated ("Cuprinol") Simsbury Press Papers	Howard Company New Have Mullite Refractories Company The Shelto
copper) Waterbury Crane Company (fabricated) Bridgeport Howard Co (cement well and chimney)	Case Brothers Inc Manchester	Mullite Refractories Company The Shelto Refrigeration Bowser Technical Refrigeration Div Bowse
Pipe Fitters' Hand Tools & Machines	Farrel-Birmingham Company Inc (Hydraulic) Ansonia Henry & Wright Division of Hartford-Empire	Inc (high altitude, low temperature) Terryvil
Capewell Mig Co The Hartford	Company (automatic mechanical) Hartford	Norwalk Valve Company (for gas and air)
Corley Co Inc Malleable Iron Fittings Co Plainville Branford	Standard Machinery Co The (compression and transfer molding, automatic and semi-auto-	Sorensen & Company Inc Stamfor Resistance Wire
Pipe Plugs	matic) Mystic Presses-Power Waterbury Farrel Foundry & Machine Co	C O Jeliff Mfg Co The (nickel, chromiun kanthal) Southpo
Holo-Krome Screw Corporation The (counter- sunk) West Hartford Pipe Plugs—Socketed	The Pressure Vessels Waterbury	Respirators American Optical Company Safety Division
Holo-Krome Screw Corp The West Hartford Plastics	Norwalk Tank Co Inc The (unfired to ASME Code Par U 69-70) South Norwalk Whitlock Manufacturing Co The Hartford	Retainers Hartford Steel Ball Co The (bicycle & aut
Naugatuck Chemical Division United States Rubber Co Naugatuck	Case Lockwood & Brainard A Division of	motive) Riveting Machines
Sponge Rubber Products Co Inc (expanded cellular) Plastic Buttons	Connecticut Printers Inc Hartford Finlay Brothers Hartford Heminway Corporation The Waterbury	Grant Mfg & Machine Co The Bridgepo H P Townsend Manufacturing Co The
Frank Parizek Manufacturing Co The West Willington	Hunter Press Lehman Brothers Inc New Haven	L-R Mfg Div of The Ripley Co Torringto Raybestos Div of Raybestos-Manhattan Inc T
Patent Button Co The Waterbury Plestic Gems	Taylor & Greenough Co The T B Simonds Inc A D Steinbach & Sons Wethersfield Hartford New Haven	(brake service equipment) Bridgepo Rivets
Colt's Manufacturing Company Hartford	A D Steinbach & Sons The Walker-Rackliff Company Printing Machinery New Haven New Haven	Blake & Johnson Co The (brass, copper ar non-ferrous) Watervill
Farrel-Birmingham Company Inc Ansonia	Banthin Engineering Co (automatic) Bridgeport	Clark Brothers Bolt Co Millda Connecticut Manufacturing Company The Waterbur
Plastic-Moulders	Printing Rollers	Plume & Atwood Mfg Co The Waterbur J H Sessions & Sons Brist
Colt's Manufacturing Company Hartford		
Con Plastics Company Con Plastics General Electric Company Geo S Scott Mig Co The Waterbury Companies Inc Waterbury Majerteym Mig Co The Waterbury Watertown Waterbury	Chambers-Storck Company Inc The (engraved) Norwich Production Control Equipment United Cinephone Corporation Torrington	Raybestos Div of Raybestos-Manhattan Inc Ti (brass and aluminum tubular and solid co per) Bridgepo

' S D E ı N ON NECTICUT T A

Ansonia

Waterbury

Kensington

New Britain Waterbury

New Haven

New Haven

Plantsville

Hartford

Bridgepor

Naugatuck

Bridgeport

Waterbury

Waterbury (Advt.)

re

Co

rd

en

rd

en

lle

ry

ny

rd

en ed

ill

ill

em

en

er

10

m

rt

te

Showcase Lighting Equipment
Wiremold Company The Hartford Roasters-Electric Screw Machines
H P Townsend Mfg Company The Elmwood Bridgeport General Electric Company Screw Machine Accessories
Barnaby Manufacturing and Tool Company
Bridgeport Rods H C Cook Co The (for card files) American Brass Company The (copper, brass, bronze) 32 Beaver St
Sizing and Finishing Compounds
American Cyanamid Company Water bronze)
Bristol Brass Corp The (brass and bronze)
Bristol Screw Machine r. Bridgeput.

Apex Tool Co Inc The Bridgeput.
Blake & Johnson Co The Waterville
Centerless Grinding Co Inc The (Heat treated and ground type only)
19 Staples Street
Connecticut Manufacturing Company The
West Cheshire
The Scovill Manufacturing Company (brass and bronze) Waterbury 91 Slide Fasteners G E Prentice Mfg Co The North & Judd Manufacturing Co Patent Button Co The Roller Skates
Winchester Repeating Arms Company Division
Olin Industries Inc New Haven Slings American Steel & Wire Company Farrel-Birmingham Company Inc Ansonia
Waterbury Farrel Foundry & Machine Co
The Waterbury Consolidated Industries
Eastern Machine Screw Corp The
Truman & Barclay Sts
Fairchild Screw Products Inc
Franklin Screw Machine Co The
Capacity)

West Cheshire
New Haven
Winsted
Hartford Smoke Stacks Bigelow Company The (steel) Soap Farrel-Birmingham Company and Alloy Iron, Steel) J B Williams Co The (industrial soaps, toilet soaps, shaving soaps) Glastonbury Franklin Screw Machine capacity)
Creist Mfg Co The (Up to 1½" capacity)
New Haven
Forestville
Wethersfield
Wethersfield (Chilled Ansonia Torrey S Crane Company Rope Wire American Steel & Wire Company New Haven Torrey S Crane Company
Special Machinery
Farrel-Birmingham Company Inc
tlenry & Wright Division of Hartford-Empire
Company
H P Townsend Mfg Company
H P Townsend Mfg Company
Hartford
National Sheradizing & Machine Co
drels & stock shells for rubber industry Humason Mfg Co The Foresty
Lowe Mfg Co The
National Automatic Products Company The Naugatuck Chemical Division United States Rubber Co Stamford Rubber Supply Co The Vulcanized Vegetable Oils) Naugatuck ("Factice" Nelson's Screw Machine Products Plantsville New Britain Machine Company The New Britain Olson Brothers Company (up to 34" capacity) Stamford Sponge Rubber Products Co Inc Shelton capacity) Plainville Olson & Sons R P
Peck Spring Co The
Plume & Atwood Mfg Co The
Scovill Manufacturing Company
Wallace Metal Products Co Inc
Waterbury Machine Tools & Products Co Ib &
Waterbury Machine Tools & Products Co (B &
Waterbury Waterbury Olson Co (B & Waterbury Waterbury Co (B & Waterbury Waterb Rubberized Fabrics
Duro-Gloss Rubber Co The Swan Tool & Machine Co The
Special Parts
Greist Mfg Co The (small machines, especially precision stampings)
New Haven
J H Sessions & Son
Special Industrial Locking Devkes
Corbin Cabinet Lock Div American Hardware
New Britain New Haven Rubber Footwear
Goodyear Rubber Co The Middletown
United States Rubber Company (Keds, Kedettes,
Gaytes, U S Royal Footwear)
Nugatuck Rubber Gloves Seamless Rubber Company The S & Swiss type automatic) Waterville Mfg Co The Watkins Manufacturing Co Inc New Haven Waterville Milford Rubber Heels
Danbury Rubber Co Inc The
Rubber Latex Compounds and Dispersions
Naugatuck Chemical Division United State Special Tools & Dies Lundeberg Engineering Company Danbury Screw Machine Tools American Cam Company Inc (Circular Spinnings
American Metal Products Company Naugatuck Chemical Division United States Rubber Co (coaxing, impregnating and adhe-sive compounds) Naugatuck Tools)

Pratt & Whitney Div Niles Bement Pond Co (Reamers, Taps, Dies, Blades and Knurls)

West Hartford Gray Manufacturing Company The Rubber Mill Machinery Farrel-Birmingham Company Inc Sponge Rubber Products Co The United States Rubber Company Somma Tool Co (precision circular form tools)
Waterbury Rubber Products, Mechanical
Auburn Manufacturing Company The (washers, gaskets, molded parts)
Middletown
Canfield Co The H O Bridgeport American Screw Company Willimantic Atlantic Screw Works (wood) Hartford Blake & Johnson Co The (machine and wood) Waterville Screws Spray Painting Equipment and Supplies
ea Manufacturing Co The
Waterbury Spring Coiling Machines
Bowden Engineering Co (Torsion) Bristol
Torrington Manufacturing Co The Torrington Rubber—Reclaimed Naugatuck Chemical Division U Rubber Co Bristol Company The (socket set and socket cap screws)

Clark Brothers Bolt Co

Waterbury

Milldale United States Naugatuck Bristol Company The (socket set and socket cap screws)

Clark Brothers Bolt Co

Mildale

Materbury

Mildale

Materbury

Margle Lock Co The (machine)

Materbury

Mildale

Materbury

Mildale

Materbury

Margle Lock Co The

Holo-Krome Screw Corporation The (socket set and socket cap)

Scovill Manufacturing Company

Waterbury 91 Spring Units
Owen Silent Spring Division American Chain & Cable Company Inc Bridgeport Rubber Soles
Danbury Rubber Co Inc The Danbury & Cable Company Spring Washers

Spring Washers

Wallace Barnes Co The Div Associated Spring

Bristol Danbury Rubber Co Inc The Danbury Corp Springs—Coll & Flat
Bristol Spring Manufacturing Co
Foursome Manufacturing Company
Han-Dee Spring and Manufacturing Co
Coll Humason Mfg Co The
Newcomb Spring Corp The Bridesport DiviBridgeport
Bridgeport
Bridgepor John P Smith Co The 42 423-33 Chapel St New Haven Screws—Sockets

Allen Manufacturing Company The Hartford
Holo-Krome Screw Corp The West Hartford Saddlery
The Smith-Worthington Saddlery Co Hartford Sealing Tape Machines
Better Packages Inc Safety Clothing American Optical Company Safety Division sion
New England Spring Manufacturing Company
Unionville Sewing Machines
Greist Mfg Co The (Sewing Machine attachments)
503 Blake St New Haven
Merrow Machine Co The (Industrial) Hartford
Singer Manufacturing Company The (industrial)
Shaving Soans
Bridgeport Putnam Safety Fuses
Ensign-Bickford Co The (mining & detonating) Peck Spring Co The Unionville Plainville Wallace Barnes Co The Div Associated Spring Corp Bristol Simsbury Corp Springs-Flat
Bristol Spring Manufacturing Co Plainville
Foursome Manufacturing Company Bristol
Wallace Barnes Co The Div Associated Spring
Bristol Safety Gloves and Mittens American Optical Company Safety Division Shaving Soaps Putnam J B Williams Co The Glastonbury Safety Goggles American Optical Company Safety Division Shears
Acme Shear Co The (household) Corp New England Spring Manufacturing Company Unionville Bridgeport Wolcott Tool and Manufacturing Company Waterbury Sandwich Grills-Electric General Electric Company Bridgeport Springs-Furniture
Owen Silent Spring Division American Chain
& Cable Company Inc Bridgeport Saw Blades
Capewell Mfg Co The (Hack Saw, Band Saw)
Hartford Sheet Metal Products
Airline Manufacturing Company The
Warehouse Point & Cable Company Inc

Springs—Wire

Bristol Spring Manufacturing Co
Colonial Spring Corporation The
Connecticut Spring Corporation The
sion, extension, torsion)
DR Templeman Co (coil and torsion)
Foursome Manufacturing Company
J W Bernston Company (coil and torsion)
J W Bernston Company (coil and torsion)
Unionville Saw Blades-Hack Capewell Mfg Co The American Brass Co The (brass and copper)
Waterbury Hartford Saws—Metal & Wood Cutting Band Capewell Mfg Co The Hartford Merriam Mfg Co (security boxes, fitted tool boxes, tackle boxes, displays)
Plume & Atwood Mfg Co The Waterbury United Advertising Corp Manufacturing Division (Job and Production Runs)
New Haven Saws, Band, Metal Cutting
Atlantic Saw Mfg Co
New Haven Scales-Industrial Dial Kron Company The Newcomb Spring Corp The Bridgeport Divi-Sheet Metal Stampings
American Brass Company The
American Buckle Co The
Doo'Val Tool & Mfg Inc The
J H Sessions & Son
Patent Button Co The
Plume & Atwood Mfg Co The Bridgeport Sion New England Spring Mfg Co
Wallace Barnes Co The Div Associated Spring
Bristol Waterbury Scissors West Haven Naugatuck Bristol Acme Shear Company The Bridgeport Screens
Hartford Wire Works Co The
Doors and Porches) Springs, Wire & Flat Waterbury Autoyre Company Hartford Waterbury Stamped Metal Products
American Brass Company The
Waterbury Companies Inc Screw Caps Weimann Bros Mfg Co The (small for bottles) Shipment Sealers Better Packages Inc

Shelton

N C 0 N NECTIC T M A D 1

Stamps
Hoggson & Pettis Mfg Co The (steel)
141 Brewery St New Haven
Parker Stamp Works Inc The (steel) Hartford Vanderman Manufacturing Co The Willimantic Tape Russell Mfg Co The Middletown Tap Extractors Walton Company The West Hartford
Taps
Pratt & Whitney Div Niles-Bement-Pond Co Tools & Dies Stampings
American Metal Products Company Inc Moore Special Tool Co Swan Tool & Machine Co The Bridgeport Hartford Bridgeport Watertown Donahue Míg Co. Inc Watertown
DooVal Tool & Míg Inc The Naugatuck
Han Dee Spring and Manufacturing Co The
Hartford Tools, Dies & Fixtures Tarred Lines Fonda Gage Company (also jigs) Greist Mfg Co The Stamford Brownell & Co Inc New Haven Plume & Atwood Mfg Co The (small Telemetering Instruments
Waterbury Stampings-Small

Acme Shear Co The

American Metal Products Company Inc

Bridgeport

Plainville Tools, Hand & Mechanical
Bridgeport Hardware Mfg Corp The (screw
drivers, nail pullers, box tools, wrenches, auto
tools, forgings & specialties) Bridgeport Television Receivers General Electric Company Bridgeport Bristol Spring Manufacturing Co
Foursome Manufacturing Co The
Greist Manufacturing Co The
Master Engineering Company
Rogers Corporation (Fibre Cellulose Paper)
Manchester
Wallace Barnes Co The Div Associated Spring Tools-Pipe Fitters' Hand Capewell Mig Co The Hartford Testers-Non-Destructive Sperry Products Inc Danbury Textile Machinery errow Machine Co The 2814 Laurel St Toys A C Gilbert Company Geo S Scott Mig Co The Gong Bell Co The N N Hill Brass Co The Waterbury Companies Inc New Haven Wallingford Hartford East Hampton East Hampton Waterbury Corp Textile Mill Supplies Stationery Specialties Ernst Bischoff Company Inc Ivoryton American Brass Company Waterbury Textile Processors Tramways American Dyeing Corporation (rayon, acetate) Rockville American Steel & Wire Company New Haven Stanley Works The (bot and cold rolled strip) New Britain Aspinook Corp The (cotton) Jewett City Trucks-Commercial Body Company (In truck chassis and Steel Castings Metropolitan (International and "Metro" Thermometers
Bristol Co The (recording and automatic Farrel-Birmingham Company Inc Ansonia Hartford Electric Steel Co The (carbon and alloy steel) 540 Flatbush Ave Hartford Harvester bodies) Bridgeport Waterbury alloy steel) 540 F Malleable Iron Fittings Co Nutmeg Crucible Steel Co Manning Maxwell & Moore Inc Bridgeport Trucks-Industrial Branford Windsor Locks George P Clark Co Thermostats Steel-Cold Rolled Spring Bridgeport Thermostat Company Inc (auto Bridgeport Trucks-Lift Wallace Barnes Co The Div Associated Spring Corp Bristol Thin Gauge Metals Plume & Atwood Mfg Co The Thinsheet Metals Co The (plain rolls) Excelsior Hardware Co The George P Clark Co Stamford Windsor Locks Steel—Cold Rolled Stainless
Wallingford Steel Company Wallingford Thomaston tinned in Waterbury Trucks-Skid Platforms
Excelsior Hardware Co The (lift) American Steel & Wire Company
Detroit Steel Corporation
Wallingford Steel Company
Wallingford Steel Company
Wallingford Steel Company Thread

American Thread Co The Willimantic Belding Heminway Corticelli Putnam Gardner Hall Jr Co The (cotton sewing)

South Williamantic Stamford New Haven **Tube Bending** Wallingford Donahue Mfg Co Inc Watertown Steel Goods
Merriam Mfg Co (sheets products to order)
Durham Max Pollack & Co Inc Groton and Willimantic Wm Johl Manufacturing Co Mystic H C Cook Co The (for collapsible tubes)
32 Beaver St
Weimann Bros Mfg Co The (for collapsible
Derby Steel Rolling Rules Waterbury Lock & Specialty Co T Thread Gages Milford Pratt & Whitney Div Niles-Bement-Pond Co West Hartford Stanley Works The Scovill Mfg Co ("Uniflare") New Britain Thread Milling Machines
Pratt & Whitney Div Niles-Bement-Pond Co Stareotypes
W T Barnum & Co Inc
New Haven Electrotype Div Electrographic
New Haven Waterbury Tubers
Standard Machinery Co The (tubers for both rubber and plastic industries) Mystic Thread Rolling Machinery Hartford Special Machinery Co The Hartford Tubes—Coliapsible Metal Sheffield Tube Corp The Ne Stop Clocks, Electric
II C Thompson Clock Co The Threading Machines New London Grant Mfg & Machine Co The (double and Tubing
American Brass Co The (brass and copper)
Waterbury Straps, Leather Auburn Manufacturing Company industrial, skate, carriage) automatic) Bridgeport Middletown Stromberg Time Corp Bridgeport Brass Company (brass and cop-Bridgeport Thomaston Studio Couches per) G & O Manufacturing Co (finned) New Haven Scovill Manufacturing Company (Brass and Waterbury 91 Waterbury Mattress Co Waterbury Timers, Interval Super Refractories Mullite Refractories Company T A W Haydon Co The H C Thompson Clock Co The R W Cramer Company Inc The Rhodes Inc M H Waterbury Bristol Shelton Centerbrook Surface Metal Raceways & Fittings Wiremold Company The Har Hartford Tubing-Flexible Metallic American Brass Co Metal Hose Surgical Dressings Acme Cotton Products Co Inc Seamless Rubber Company The Timing Devices Waterbury A W Haydon Co The R W Cramer Company Inc The Lux Clock Manufacturing Company Rhodes Inc M H East Killingly Waterbury New Haven Centerbrook Waterbury Tubing—Heat Exchanger
American Brass Company The Waterbury
Scovill Manufacturing Company Waterbury 91 Surgical Rubber Goods Hartford Seamless Rubber Company The New Haven Seth Thomas Clocks
United States Time Corporation The Thomaston Typewriters Royal Typewriter Co Inc Underwood Corporation Switches-Electric Waterbury General Electric Company Bridgeport Hartford Timing Devices & Time Switches Swaging Machinery Hartford Special Machinery Co The A W Haydon Co The
Lux Clock Manufacturing Company Waterbury
M H Rhodes Inc Hartford Typewriters-Portable Underwood Corporation

> Tools
> Hoggson & Pettis Mfg Co The (rubber workers) 141 Brewery St New Haven
> O K Tool Co Inc The (inserted tooth metal cutting) 33 Hull St Shelton

Timing Mechanisms k Corp The William L

Tinning
Thinsheet Metals Co The (non-ferrous metals

Winsted

Middletown

Gilbert Clock Corp

Wilcox Crittenden & Co Inc

SwitchDoarus
Plainville Electrical Products Company
Plainville Switchboards

Switchboards Wire and Cables Rockbestos Products Corp (asbestos insulated) New Haven

Tanks Bigelow Company The (steel) New Haven Storts Welding Company (steel and alloy) Meriden

Centerbrook

R W Cramer Company Inc The

Upholstering Fabrics-Woolen & Worsted Broad Brook Company (automobile, airplane, railroad) Broad Brook

Typewriter Ribbons and Supplies

Underclearer Rolls Sonoco Products Co (Climax-Lowell Div)

Underwood Corporation

Hartford

Hartford and Bridgeport

D E . N C 0 N NECTICUT

T

tic

ort

en

rd

on

en

ort

ks

ks

rd

Nn

by

ry

tic

on

en

гу

rt

ic

đ e, Vacuum Bottles and Containers American Thermos Bottle Co N Wire Formings Water Heaters Autoyre Co The GE Prentice Mfg Co The Master Engineering Company North & Judd Manufacturing Co Verplex Company The Norwich Whitlock Manufacturing Co The (instan-Hartford Oakville taneous & storage) Kensington West Cheshire Vacuum Cleaners Old Greenwich Water Heaters-Electric Bauer & Company Inc New Britain Electrolux Corporation Spencer Turbine Co The Hartford Hartford Bristol Spring Manufacturing Co
Colonial Spring Corporation The
Connecticut Spring Corporation The
Foursome Manufacturing Company
Humason Mfg Co The
New England Spring Mfg Co
Templeman Co D R
Wallace Barnes Co The Div Associated Spring
Corp Water Heaters-Gas or Kerosene Holyoke Heater Corp. of Conn., Inc Hartford Valves (sensitive check South Norwalk Norwalk Valve Company Waterproof Dressings for Leather Viscol Company The Star valves) Stamford Valve Discs Colt's Manufacturing Company Waxes-Floor Fuller Brush Co The lartford Hartford Wedges Saling Manufacturing Company (hammer Valves—Automobile Tire Bridgeport Brass Company Corp

Wire Goods

American Buckle Co The (overall trimmings)

West Haven
Waterbury
The Goder) Bridgeport Unionville Welding Farrel-Birmingham Company Inc Ansonia
G E Wheeler Company (Fabrication of Steel
& Non-Ferrous Metals) New Haven
Industrial Welding Company (Equipment Manufacturers—Steel Fabricators) Hartford
Porupine Company The Bridgeport Valves—Radiator Air Bridgeport Brass Company Patent Button Co The Scovill Manufacturing Company (To Order) Waterbury 91 Bridgeport Valves-Relief & Control New Britain Beaton & Cadwell Mfg Co Wire Partitions
Hartford Wire Works Co The
John P Smith Co The
423-33 Chapel St Valves-Safety & Relief Manning Maxwell & Moore Inc Storts Welding Company (tanks and fabrica-tion) Meriden Hartford Bridgeport New Haven Welding Rods Vanity Boxes Bridgeport Metal Goods Mfg Co American Brass Company The Waterbury Bristol Brass Co The (brass & bronze) Bristol Bridgeport Wire Products Clairglow Mfg Company
Plume & Atwood Mfg Co The (to order) Portland Varnishes Wheels-Industrial Waterbury Raer Brothers Stamford George P Clark Co Windsor Locks Staminite Corp The New Haven A H Nilson Mach Co The Wicks Bridgeport Velvets American Velvet Co (owned and operated by A Wimpfheimer & Bro Inc) Stonington Leiss Velvet Mfg Co Inc The Willimantic Velvet Textile Corporation The (velveteen) West Haven Auburn Manufacturing Company The (felt, as-Auburn Manufacturing Company The (felt, as-bestos) Middletown Holyoke Heater Corp. of Conn., Inc Hartford Raybestos Div of Raybestos Manhattan Inc The oil burner wicks) Bridgeport Russell Mfg Co The Middletown Wire Rings
American Buckle Co The (pan h
tinners' trimmings) handles and West Haven Templeman Co D R Plainville Wire Rope and Strand American Steel & Wire Company Venetian Blinds
England Shade & Blind Co Inc Durham
ell Manufacturing Company Manchester Window & Door Guards Hartford Wire Works Co The Hartford New Haven Window Shades
New England Shade & Blind Co Inc Durham Wire Shapes Bridgeport Chain & Mfg Co Bridgeport Ventilating Systems Wiping Cloths Federal Textile Corporation Colonial Blower Company Plainville Wire—Specialties Andrew B Hendryx Co The New Haven New Haven Vertical Shapers
Pratt & Whitney Div Niles-Bement-Pond Co
West Hartford American Brass Company The
American Steel & Wire Company
Atlantic Wire Co The (steel)
Bartlett Hair Spring Wire Co The
(hair spring)
North Haven Wires and Cable General Electric Company (for tions, industrial and mining central sta-applications) Bridgeport Vibrators-Pneumatic Rockbestos Products Corporation insulated) Bridgeport Brass Company (brass and silicon bronze)
Bristol Brass Corp The (brass & bronze) Bristol Driscoll Wire Co The (steel)
Hudson Wire Co Winsted Div (insulated & enameled magnet)
Platt Bros & Co The (zinc wire)
P O Box 1030
Plume & Atwood Mfg Co The (brass, bronze, nickel silver)
Scovill Manufacturing Company and Nickel Silver)
Worth Haven
Bridgeport Brass and silicon
Bridgeport
Winsted
Waterbury
91 (asbestos New Haven New Haven Vibrator Company (industrial) New Haven Wires-Building Vises Charles Parker Co The Fenn Manufacturing Company Action Vises) Meriden The (Quick-Hartford Vanderman Manufacturing Co Willimantic General Electric Company Bridgeport Wires-General Electric Company Bridgeport Willimantic nation Bench Pipe) Wood Handles
Salisbury Cutlery Handle Co The (for cutlery & small tools)
Salisbury Waffle Irons-Electric General Electric Company Bridgeport Wire Arches & Trellises
Hartford Wire Works Co The Hartford
John P Smith Co The
423-33 Chapel St Now Hartford Wood Scrapers
Fletcher-Terry Co The Washers
American Felt Co (felt) Glenville
Auburn Manufacturing Company The (all maMiddletown Forestville Auburn Manufacturing Company Ine tau ma-terlals) Middletown Blake & Johnson The (brass, copper & non-ferrous) Materville Milldale Woodwork C H Dresser & Sons Inc (Mfg all kinds of Hartford Builders Finish Co Hartford Rolock Inc (Industrial—for acid, heat, degreasing)
Wiretex Mfg Co Inc (Industrial, for acid, heat, Blake & Johnson ferrous)

ferrous)

Gark Brothers Bolt Co

J H Sessions & Son

Plume & Atwood Mfg Co The (brass & copper)

Waterbury

Paulostos-Manhattan Inc The Gridgeport Woven Awning Stripes treating and degreasing) Bridgeport Falls Company The Norwich Raybestos Div of Raybestos Manhattan Inc The Bridgeport Woven Felts-Wool
Chas W House & Sons Inc (Mills & Cutting
Unionville Wire Cable Bevin-Wilcox Line Co The (braided) Clutch washers)

J H Rosenbeck Inc
Saling Manufacturing Company (made to order)
Unionville East Hampton Wire Cloth

Hartford Wire Works Co The
C O Jelliff Mfg Co The (all metal, all meshes)

Somewhat

Warmen It Hartford Spinning Incorporated knitting and weaving yarns)
Aldon Spinning Mills Corporation The (fine-woolen and specialty)
Ensign-Bickford Co The (jute carpet) Simsbury Sessions Foundry Co The (cast iron) Washers-Felt

Nas W House & Sons Inc (Mills & Cutting Unionville Pequot Wire Cloth Co Inc Rolock Incorporated Smith Co The John P Norwalk Fairfield New Haven Plant) Washing Machines-Electric General Electric Company B Zinc Wire Drawing Dies Waterbury Wire Die Co The Platt Bros & Co The (ribbon, strip and wire)
P O Box 1030
Waterbury Bridgeport Waterbury Zinc Castings
Newton-New Haven Co Inc

688 Third Ave
West Haven
(Advt.) Watches

E Ingraham Co The United States Time Corporation The Waterbury Wire Dipping Baskets Hartford Wire Works Co The John P Smith Co The 423-33 Chapel St

Hartford

New Haven



DRINKING WATER

USE THE ...



Bridgeport 3-5787 Hartford 2-1789

New Haven 5-0602 Waterbury 6-0260

THOMPSON WATER COOLER COMPANY



VOLAX was developed for heavy-duty skin cleansing. . . for removing ground-in printer's ink FAST-but gently, without irritating the skin. Contains mild soaps, water softener and friable volcanic ash. A SIMPLE TEST WILL CONVINCE YOU-Ground-in dirt and ink discoloration disappear when VOLAX HAND CLEANER goes to work!

Let your DOLGE SERV-ICE MAN demonstrate!



Industrial Development

(Continued from page 34)

the aviation industry during World War II almost brought production of the aviation industries of the west coast to a standstill. When we reflect that Connecticut's big contribution to national preparedness is to produce the small but absolutely necessary items without which aircraft engines, airplanes, radar, guns and numerous other war products will not function, is it not time for every loyal American member of management to set up security measures to protect his equipment, blue prints and plant against the work of saboteurs who may either be on his payroll or outside truckmen, servicemen or salesmen with too free access to vital equipment?

To get a clear-cut idea of the lengths to which Communists have been and still are plotting our destruction through sabotage of our vital utilities and manufacturing facilities, we suggest that you write to the New York Herald Tribune, 230 West 41st Street, New York, requesting one or more copies of the booklet, "The Threat of Red Sabotage" which incorporates a series of ten authentic articles which appeared in the Tribune beginning November 29, 1950. The price is 25 cents. Every man in Connecticut industrial management should be acquainted with the diabolical methods planned by the Communists and their henchmen for the destruction of our war potential in order that they may lay adequate plans to thwart such sabotage attempts if and when D Day should come.

Information On Educational **Programs**

In the event you are interested in receiving further information on either of the employee education programs previously evaluated in this department, or in any others, please write or call upon the writer.

Service Section

BOOKS FOR BUSINESS AND INDUSTRY -We know our way through the bewildering world of books. We can supply technical and production books and manuals; handbooks in all fields; guides to selling and advertising; books on business administration and finance; industrial engineering books; encyclopedias; dictionaries; business maps and globes; atlases, etc. WHIT-LOCK'S, INC., 15 Broadway, New Haven, Connecticut.

EXPORT FIRM with world wide connections seeks one or two additional lines electronics, automotive and electrical household appliances on exclusive basis only. Address SA-40.

Advertising Index

American Appraisal Co.	28
American Paper Goods Co., The	15
Ballard Oil Co., Inc. Outside Back Co	ver
Barnes Springs, Wallace	44
Barney's	26
Box Shop, Inc.	39
Brinnell Co.	42
Caproni Associates	18
Chase Brass & Copper Co.	40
Clark Bros. Bolt Co.	26
Clark Associates, Myron	44
Connecticut Advertising Services	45
Connecticut Printers, Inc.	35
Connecticut Utility Companies	38
Curtis & Son, S.	18
Desenti, William	22
Detroit Steel Corp.	32
Dolge Co., The C. B.	56
Dowd, Wyllie & Olson, Inc.	2
Eastern Machinery Co., The	21
Electrical Supplies	2
Federal Textile Corp.	22
Fuller Brush Co.	27
Gair Co., Robert Inside Back Co	
General Electric Co.	23
Graphic Arts Co., Inc., The	29
Gray Manufacturing Co., The	37
Halco Co.	31
Hall Company, Inc., Thomas W.	24
Hartford-Connecticut Trust Co.	40
Hartford Special Machinery Co., The	24
Howard Co., The	24
Industrial Sound Control	9
J-B Engineering Sales Co.	18
Jones & Company, Inc., T. A. D.	4
Kasden & Sons, Inc., H. Inside Front Co	
Kelsey & Sons, Inc., W. E.	20
Liberty Mutual Insurance Co.	16
Maier & Co., Ward	33
Merritt & Co., Joseph	18
Miller Co., The	30
Morrissey & Cheney	39
Nickerson, John W.	24
Nutmeg Crucible Steel Co., The	18
Plocar Company, John J.	22
Rhodes, S. Arthur Robertson Paper Box Co., Inc.	17
Sherman Transfer Co., Roger	25
Souther Engineering Co., The Henry	24
Southern New England Telephone Co.	2
Sponge Rubber Products Co.	3.4
Swan Tool & Machine Co., The	18
Talco Engineering Co.	43
Taylor & Greenough Co., The	21
Thompson Water Cooler Co.	56
Torrington Manufacturing Co., The	28
Uarco, Inc. Westcott & Mapes, Inc.	36
Wheeler Insulated Wire Co.	29
	28
Wittstein, Jack Wiremold Co., The	20



When a Gair-Reynolds Foiline package is displayed on the dealer's counter, showcase, shelf or in the window, a sensational sales impact is created. In many instances sales have doubled and tripled through the persuasive influence of these brilliant, multicolor foil cartons.

GAIR TUFBORD

A new, sturdy and rigid folding paperboard developed to withstand tremendous knocking about and rough usage. Tufbord is particularly suited for packaging heavy goods, such as hardware, machine parts, books...and light materials where stacking strength is required.



old

ver

ver

ver

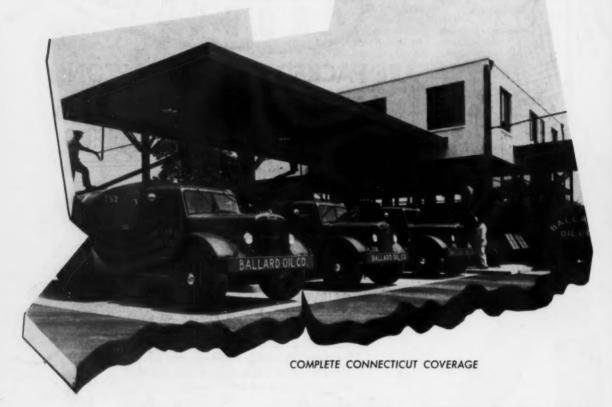
Write today for sample, prices and complete information.

ROBERT GAIR COMPANY, INC.

155 EAST 44th STREET, NEW YORK . TORONTO

PAPERBOARD . FOLDING CARTONS . SHIPPING CONTAINERS

WANT COMPLETE INFORMATION ON BUNKER "C"?



BETTER SEE BALCO.

Do you want the complete, money-saving story on modern, efficient Bunker "C" fuel oil? Interested in seeing just what Bunker "C" can do for you—in learning why hundreds of Connecticut industrial and institutional heating engineers have turned to Balco for Bunker "C"?

Then Call in Balco—Connecticut's oldest and most versatile supplier of this clean, dependable fuel oil.

Balco Engineers, backed by years of experience, are ready to consult with you on your immediate and long range Bunker "C" requirements. Backing these fuel experts, is a service organization ready to make their recommendations stick—anxious to demonstrate that you can put your confidence in Balco—every day, twenty-four hours a day.

GET THE FACTS TODAY. Your inquiry, telephone, wire or letter, will meet prompt, interested attention. Balco's home office address: Box 1078, Hartford—Telephone: Hartford, 9-3341.

The BALLARD OIL Co.

HARTFORD,

CONNECTICUT



